

## 2023 PRODUCT CATALOG



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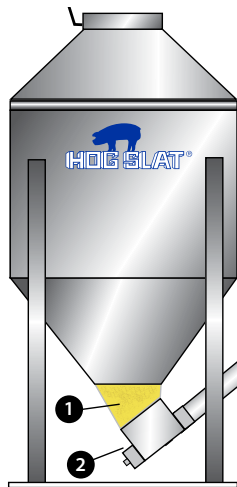
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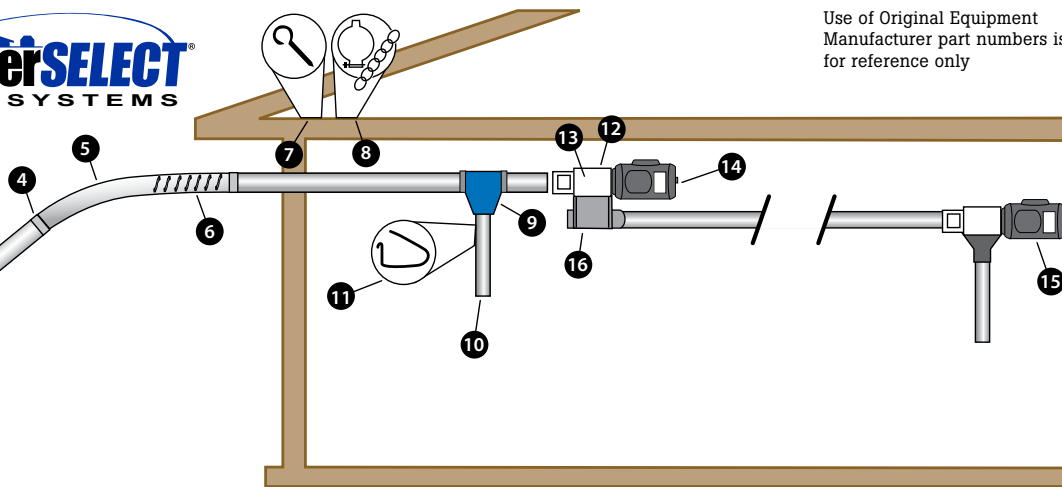






**GrowerSELECT**  
FEED SYSTEMS

Use of Original Equipment  
Manufacturer part numbers is  
for reference only



Model	Tube Dia (OD)	Capacity Lbs /Min	Motor Sizing/Hp	Max System Length	Max Extension Length
MODEL 55	2-1/4"	15	1/3	150'	185'
			1/2	250'	285'
MODEL 75	3"	50	1/2	80'	125'
			3/4	150'	185'
			1	200'	245'
MODEL 90	3-1/2"	100	1/2	30'	65'
			3/4	90'	125'
			1	150'	185'
MODEL HR	3-1/2"	50	1/2	30'	55'
			3/4	90'	105'
			1	150'	185'

## 1) Upper Boots

- Fits 16" bin openings. Available in three different material types.
- Clear polycarbonate, Translucent polyethylene or black polyethylene.
- Black double straight boot has a 14" diameter.



Item #	Description	Chore-Time®	AP®
HS524	Clear 30°	4347C	FLX-2194C
HS793T	Translucent 30°	-	FLX-2194T
HS793	Black 30°	4347	FLX-2194
HS525	Clear straight	6093C	FLX-2195C
HS794T	Translucent straight	-	FLX-2195T
HS794	Black straight	-	FLX-2195
HS662	Black double boot	-	FLX-4869

## Hardware Package

Includes:

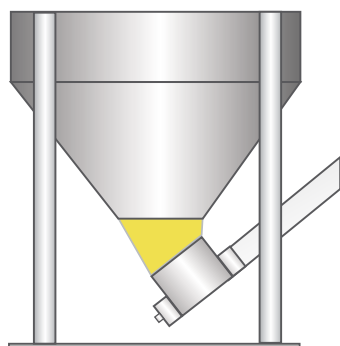
18) 5/16" x 3/4" zinc plated bolts, washers & nylon nuts.

#HS530 .....Hardware pkg. upper boot

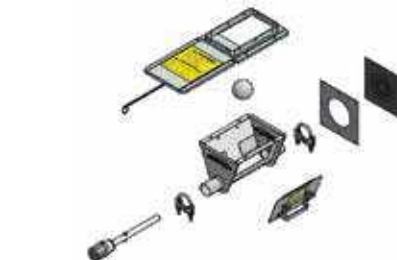
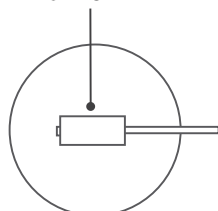
AP .....FLX-2196

### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



SINGLE



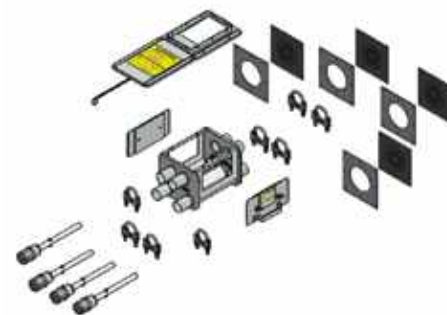
## 2) Single Unloader Kits

A) Single Unloader w/ Anchor Bearings and Transfer Plate

#HS556KIT	Model 55
#HS520KIT	Model 75
#HS220PKIT	Model 75 (Pellet)
#HS557KIT	Model 90
#HS557HRKIT	Model HR
#HS554KIT	Model 108
#HS220SOKIT	Model 220
#HS300S	Model 300
#HS350SOKIT	Model 350

### WARNING:

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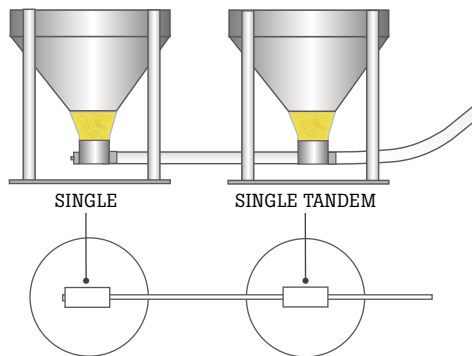


## Quad Unloader w/ Anchor Bearings and Transfer Plate

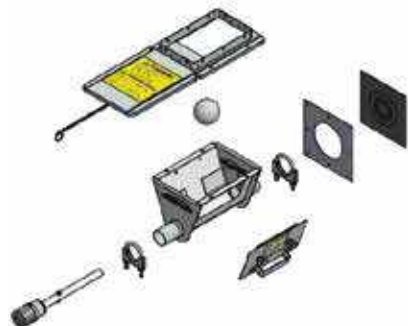
#HS522KIT .....Model 55

### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



SINGLE SINGLE TANDEM

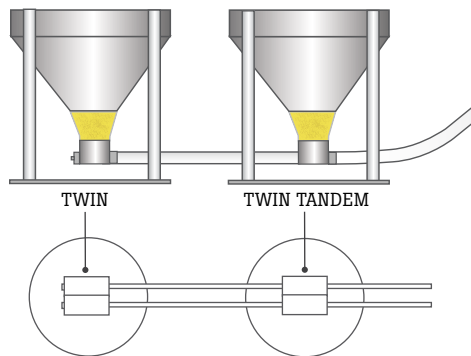


### A) Single Unloader with Anchor Bearings and Transfer Plate

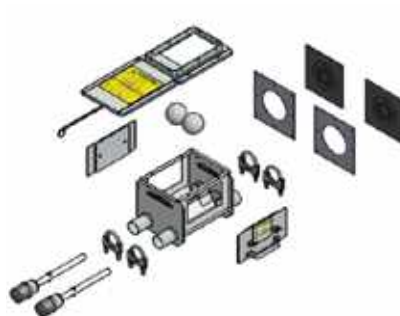
#HS556KIT	Model 55
#HS520KIT	Model 75
#HS520PKIT	Model 75 (Pellet)
#HS557KIT	Model 90
#HS557HRKIT	Model HR
#HS554KIT	Model 108
#HS220SOKIT	Model 220
#HS300SOKIT	Model 300
#HS350SOKIT	Model 350

#### ⚠ WARNING:

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TWIN TWIN TANDEM

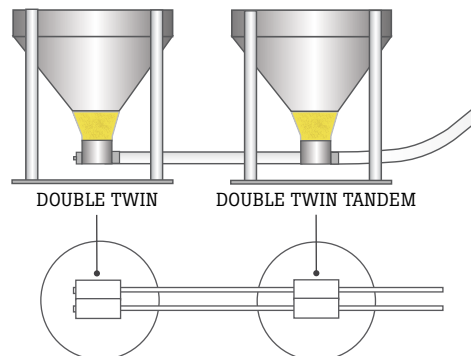


### C) Twin Unloader with Anchor Bearing, Transfer Plate & Baffles

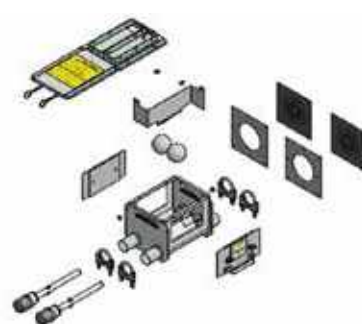
#HS555KIT	Model 55
#HS521KIT	Model 75
#HS521PKIT	Model 75 (Pellet)
#HS558KIT	Model 90
#HS558HRKIT	Model HR
#HS220TOKIT	Model 220
#HS300TOKIT	Model 300
#HS350TOKIT	Model 350

#### ⚠ WARNING:

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DOUBLE TWIN DOUBLE TWIN TANDEM

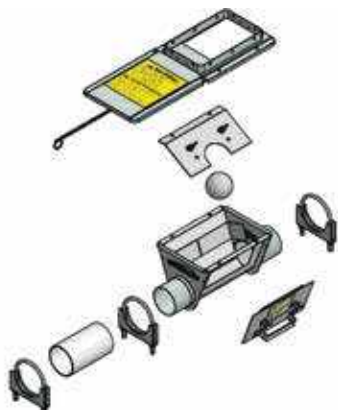


### E) Twin Unloader with Anchor Bearing & Double Transfer Plate

#HS555KITDT	Model 55
#HS521KITDT	Model 75
#HS521PKIT	Model 75 (Pellet)
#HS558KITDT	Model 90
#HS558HRKITDT	Model HR
#HS220TOKITDT	Model 220
#HS300TOKITDT	Model 300
#HS350TOKITDT	Model 350

#### ⚠ WARNING:

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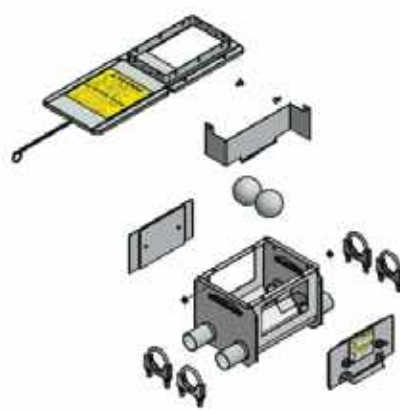


### B) Single Tandem Unloader with Transfer Plate

#HS556TKIT	Model 55
#HS520TKIT	Model 75
#HS520PTKIT	Model 75 (Pellet)
#HS557TKIT	Model 90
#HS557HRTKIT	Model HR
#HS220SOKIT	Model 220
#HS300STKIT	Model 300
#HS350STKIT	Model 350

#### ⚠ WARNING:

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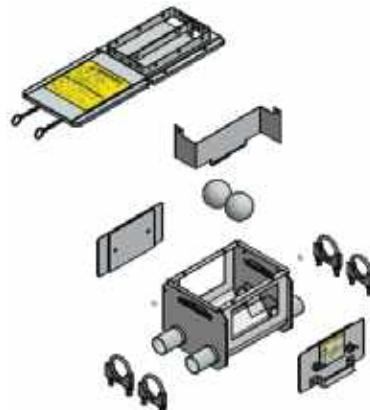


### D) Twin Tandem Unloader with Transfer Plate

#HS555TKIT	Model 55
#HS521TKIT	Model 75
#HS558TKIT	Model 90
#HS558HRTKIT	Model HR
#HS220TTKIT	Model 220
#HS300TTKIT	Model 300
#HS350TTKIT	Model 350

#### ⚠ WARNING:

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### F) Twin Tandem Unloader with Double Transfer Plate

#HS555TKITDT	Model 55
#HS521TKITDT	Model 75
#HS558TKITDT	Model 90
#HS558HRTKITDT	Model HR
#HS220TTKITDT	Model 220
#HS300TTKITDT	Model 300
#HS350TTKITDT	Model 350

#### ⚠ WARNING:

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### Anchor Bearing Assembly

Item #	Description	Chore-Time*	AP*	Item #	Description	Chore-Time*	AP*
<b>HSAB45UP</b>	Feedline	6817	07098932	<b>HSAB75CP</b>	M75 / pellet	-	-
<b>HSAB55C</b>	Model 55	39405	FLX-4879	<b>HSAB75C-1</b>	Replacement Hub Mdl 75	-	-
<b>HSAB55</b>	Model 55	-	FLX-4646	<b>HSAB90U-1</b>	Replacement Hub Mdl 90	-	-
<b>HSAB55CF</b>	Model 55 - flag	39408	-	<b>HSAB90U</b>	Model 90	35343	-
<b>HSAB75C</b>	Model 75	37346	FLX-4648C	<b>HSAB90U-HR</b>	High Roughage (M90 Boot & M75 Auger)	-	FLX-4648HR
<b>HSAB300</b>	Model 300	-	FLX-4648	<b>HSAB90S</b>	Model 90 - Screener	35345	-
<b>HSAB350</b>	Model 350	-	FLX-4650	<b>HSAB108</b>	Model 108 - Unrestricted	35766	-
<b>HSAB75-OS</b>	Model 300 (old style)	-	FLX-2227	<b>HSAB108E</b>	Model 108 - Restricted	35767	-



### Boot Body Weldments

Item #	Description	Chore-Time*	AP*
<b>SINGLE</b>			
<b>HS220S</b>	Single Model 220	-	FLX-4331
<b>HS556A</b>	Single Model 55	7999	-
<b>HS556SS</b>	Single Model 55 - SS	7999SS	-
<b>HS300S</b>	Single Model 300	-	FLX-4669
<b>HS300S-SS</b>	Single Model 300 - SS	-	-
<b>HS520</b>	Single Model 75	36588	-
<b>HS520SS</b>	Single Model 75 - SS	36588SS	-
<b>HS350S</b>	Single Model 350	-	FLX-2053
<b>HS557</b>	Single Model 90	8873	FLX-2053
<b>HS554</b>	Single Model 108	30386	-
<b>TWIN</b>			
<b>HS220T</b>	Twin Model 220	-	FLX-3938
<b>HS555A</b>	Twin Model 55	7998	-
<b>HS300T</b>	Twin Model 300	-	FLX-4761
<b>HS300T-SS</b>	Twin Model 300 - SS	-	-
<b>HS300TB</b>	Twin Model 300 w/ baffles	-	FLX-4761B
<b>HS300TBSS</b>	Twin Model 300 w/ baffles - SS	-	-
<b>HS521</b>	Twin Model 75	36350	-
<b>HS350T</b>	Twin Model 350	-	FLX-2116
<b>HS558</b>	Twin Model 90	36354	-
<b>HS735</b>	Twin Model 108	35617	-
<b>QUAD</b>			
<b>HS522</b>	Quad Model 55	7980	-

#### ⚠ WARNING:

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### 3) 10' Straight PVC Tube

Item #	Description	Chore-Time*	AP*
<b>HSAT55-S</b>	Model 55, 2-1/4" OD	7955	PVC-1004
<b>HSAT75-S</b>	Model 75, 3" OD	6516	PVC-1005
<b>HSAT90-S</b>	Model 90, 3-1/2" OD	6293	PVC-1006
<b>HSAT108-S</b>	Model 108, 4-1/2" OD	34547	-

Use of Original Equipment Manufacturer part numbers is for reference only.



#### 4) PVC Tube Coupler

Item #	Description	Chore-Time*	AP*
HSAT55-C	Model 55	8029	FLX-2537
HSAT75-C	Model 75	7084	FLX-2538
HSAT90-C	Model 90	7085	FLX-2539
HSAT108-C	Model 108	34557	-
HSAT125-C	Model 125	-	FLX-2540



#### 6) Grow-Flex™ Auger

Our innovative manufacturing process forges a stronger, more durable auger with superior flexing and breaking strength that outperforms standard augers.

Item #	Description	Chore-Time*	AP*
HSFA-44	Model 44	6820	FLXA-14375
HSFA-44D	Model 44 drag auger	-	FLXA-1520
HSFA-55	Model 55	7961	FLXA-1520
HSFA-75	Model 75	4744	FLXA-2390
HSFA-75P	Model 75 (pellet)	-	FLXA-2206
HSFA-90	Model 90	6942	FLXA-2710
HSFA-108	Model 108	30108	-
HSFA-125	Model 125	-	HSFA-125



#### WARNING:

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#### 9) Drop Adaptors

- 100% Feed Drop Out
- Secure hose clamp connections with overlapping seams to prevent water entry.
- Fits existing brands of feed tubes.

Item #	Description	Chore-Time*	AP*
HS655	M55/220	43455C	GAPCD-109
HS675	M75/300	43475C	AP-2276 & FLX-2433
HS690	M90/350	43490C	FLX-2434



#### Tube Clamps

Item #	Description	Chore-Time*	AP*
CLAMP200	2" tube clamp	7084	-
CLAMP225	2-1/4" tube clamp	-	S-4490
CLAMP300	3" tube clamp	6515	-
CLAMP325	3-1/4" tube clamp	-	S-9186
CLAMP400	4" tube clamp	6721	S-4443
CLAMP450	4-1/2" tube clamp	34358	-
CLAMP550	5-1/2" tube clamp	-	S-4494



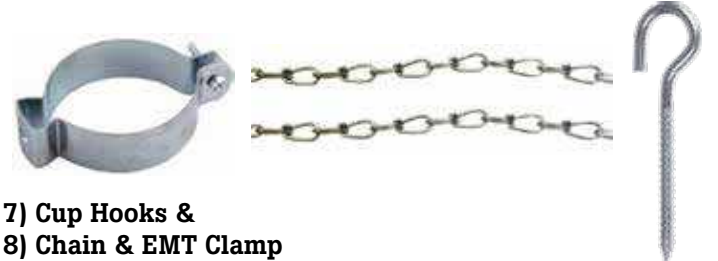
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#### 5) 45° PVC Elbows, 5' radius

Item #	Description	Chore-Time*	AP*
HSAT55-45	Model 55	34855	PVC-1101
HSAT75-45	Model 75	7285	PVC-1001
HSAT90-45	Model 90	7357	PVC-1002
HSAT108-45	Model 108	34546	-
HSAT125-45	Model 125	-	PVC-1003



#### 7) Cup Hooks & 8) Chain & EMT Clamp

#60665	1/4" x 3-1/2" galvanized
#606655	1/4" x 3-3/4" SS
#60673	#2 twin loop chain, zinc
#606733	#1 twin loop chain, SS
#60678	#2/0 twin loop chain, zinc
#60399	3" EMT clamp, zinc



#### WARNING:

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#### 9) Plastic Wye Drop Adaptor

• 3" x 3" x 3"

#HS39187	Plastic wye drop adaptor
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See page 70  
for  
Wooden  
Cannonballs



#### 3" Agitator Ball

Item #	Description	Chore-Time*	AP*
HS527	3" agitator ball	3531	00404238



#### WARNING:

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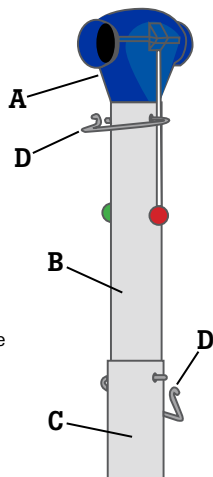
Use of Original Equipment Manufacturer part numbers is for reference only.



## 10) Drop Tube

Drop tube part number combinations that make up the telescoping drops.

A – Drop Tube Adaptor  
B – Top Tube  
C – Bottom Tube  
D – Clips



MODEL	A	B	C	D	SINGLE TUBE
55	HS655	HSDT005	HSDT003	60638	HSDT005
75	HS675	HSDT005	HSDT003	60638	HSDT005
90	HS690	HSDT001	HSDT006	60638	HSDT001
HR	HS690	HSDT001	HSDT006	60638	HSDT001
Control Unit		HSDT001	HSDT006	60638	HSDT001

Item #	Description	Chore-Time*	AP*
HSDT001	3.937" ID x 4.125" OD x 12'	-	AP-1766
HSDT002	3" ID x 3.188" OD x 12'	1932	FLX-2425
HSDT003	3.562" ID x 3.750" OD x 12'	6381	FLX-2427
HSDT004	3.937" ID x 4.125" OD x 6'	-	FLX-2428
HSDT005	3.313" ID x 3.5" OD x 6'	-	FLX-2426
HSDT006	4.187" ID x 4.375" OD x 12'	-	FLX-2429

## 11) Wire Pin

Item #	Description	Chore-Time*	AP*
60638	4" for attaching drop tubes	41657	FLX-4278

### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## 12) Direct Drive & Tube Anchor

Item #	Description	Chore-Time*	AP*
HS536	Model 55	24102-8	FLX-2699
HS531	Model 75	24102-2	FLX-2696
HS531P	Model 75 /pellet	-	FLX-5210
HS537	Model 90	24102-3	FLX-2697
HS540	Model HR	-	FLX-2737

### WARNING:

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## 13) Control Unit

Item #	Description	Chore-Time*	AP*
HS693	Complete w/ relay	-	FLX-4496
HS593	Control unit W/O relay	6560 & 24482	
HS591KIT	Power head drop cone	-	FLX-2017
HS589	Switch Assy. w/o Relay	30953	-
HS689	Switch Assy. w/ Relay	-	FLX-4512

### WARNING:

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## 14) Direct Drive Power Units, 256 RPM

Complete with motor, gear heads, pinion, 36" pigtail cord and 15 oz. bottle of gear oil. All units are 115/208-230 Volts.

Item #	Description	Chore-Time*	AP*
HS9021D8	1/2 Hp Model 75 & 90	3259-50	FLX-2673
HS9022D8	3/4 Hp Model 75 & 90	3259-136	FLX-2674
HS9023D8	1 Hp Model 75 & 90	-	FLX-3629

## 15) Direct Drive Power Unit, 352 RPM

Item #	Description	Chore-Time*	AP*
HS9020D1	1/3 Hp Model 55	3259-34	FLX-2458
HS9021D1	1/2 Hp Model 55	3259-39	FLX-2459
HS9022D2	3/4 Hp Model 75 & 90	3259-52	FLX-2460
HS9023D2	1 Hp Model 75 & 90	3259-49	FLX-2461

### WARNING:

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Use of Original Equipment Manufacturer part numbers is for reference only.



## 16) Extension Unloader Kits

### Single Unloader Kits w/ Anchor Bearings and Control Unit Adaptor

#HS556KITA.....	Model 55
#HS520KITA.....	Model 75
#HS557KITA.....	Model 90
#HS520PKITA.....	Model 75 Pellet
#HS220SOKITA.....	Model 220
#HS350SOKITA.....	Model 350

#### ⚠ WARNING:

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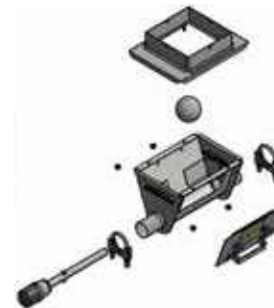


### Single Unloader w/ Anchor Bearings and Drop Adaptor 2.9"

#HS556KITB.....	Model 55
#HS520KITB.....	Model 75
#HS520PKITB.....	Model 75 Pellet
#HS220SOKITB.....	Model 220

#### ⚠ WARNING:

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### STAINLESS STEEL

### Single Unloader Kit w/ Anchor Bearings & Galvanized Adaptor

Unloader weldment and access cover constructed of 16 gauge, 304 stainless steel. Adaptor and clamps are galvanized.

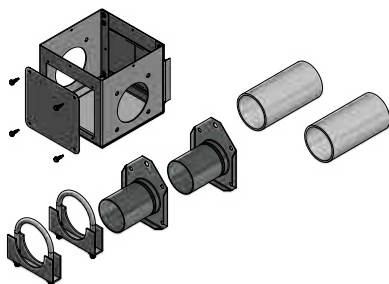
#HS520SSKITA.....	Model 75, Control Unit Adaptor
#HS520SSKITB.....	Model 75, 2.9" Drop Adaptor

#### ⚠ WARNING:

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## Body Only Control Unit without Electrical Box

Use with extension unloader kits with control unit adaptor.



#HS611-55.....	Mdl 55
#HS611.....	Mdl 75
#HS624.....	Mdl 90

#### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Gear Head Oil

Formulated to work with GrowerSELECT auger gear head unit to provide excellent lubrication properties. Oil contains extreme pressure (EP), anti-corrosion and anti-oxidation additives for prolonged gear life and smoother operation. 15 oz bottle. SAE 80W-90.



Item #	Description	Chore-Time®	AP®
HS450	Gear Head Oil	-	FLX-4471



#### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Auger Gear Heads

Item #	Description	Chore-Time®	AP®	Big Dutchman®	Valco®
HSGR001	352 RPM, Mdl 55	3261-5	-	-	-
HSGR002	352 RPM, Mdl 75/90	3261-7	-	-	-
HSGR003	358 RPM, Poultry w/ clamp	-	0040408	-	-
HSGR004	358 RPM	-	FLX-4277	-	-
HSGR005	216 RPM	-	-	-	-
HSGR009	358/296 RPM at 60/50 Hz - 58	-	-	11-00-1005A	-
HSGR010	693/573 RPM at 60/50 Hz	3261-17	-	-	-
HSGR011	266/222 RPM at 60/50 Hz - 58	-	-	86-00-2667	-
HSGR012	266/222 RPM at 60/50 Hz	-	FLX-4403	-	-
HSGR014	441/364 RPM at 60/50 Hz - 78	-	FLX-4405	-	-
HSGR015	256/213 RPM at 60/50 Hz - 58	-	-	-	-
HSGR016	216/179 RPM at 60/50 Hz - 58	3261-1	-	-	-
HSGR017	156/130 PRM at 60/50 Hz - 78	-	-	-	-
HSGR021	62/52 RPM at 60/50 Hz- 78	3261-9	-	-	-
HSGR022	657/542 RPM At 60/50 Hz 3/4"	-	-	-	450369



#HSP01



#HSP03

#### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Pinion Gears

Item #	Description	Chore-Time®	AP®	Big Dutchman®	Valco®
HSP01	Straight pinion, 1/2" ID	-	FLX-4275	-	-
HSP02	Straight pinion, 5/8" ID	-	FLX-4276	11-00-9364	-
HSP03	Helical pinion, 1/2" ID	5046	-	-	-
HSP04	Helical pinion, 5/8" ID	6104	-	-	-
HSP05	Straight pinion, 1/2" ID	3249	-	-	-
HSP06	Straight, 1.812" long, 1/2" ID	-	FLX-2983	11-00-9151	-
HSP07	Straight, 14 tooth x 2.25" long, 5/8" ID	-	FLX-2973	86-00-0205	-
HSP08	Straight, 14 tooth x 3" long, 5/8" ID	-	FLX-4542	-	-
HSP09	Straight 14 teeth 1/2" bore 2.170" long	-	-	10-00-9613	450366

Use of Original Equipment Manufacturer part numbers is for reference only.



## Transfer Plate and Slide Assembly

Item #	Description	Chore-Time®	AP®
HS523	Single transfer plate assembly	6284	BLK-11137
HS523SS	Stainless steel single assembly	-	-

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



**NOW AVAILABLE IN STAINLESS STEEL OR CLEAR PLASTIC**

## Access Cover for Boot Weldments

Item #	Description	Chore-Time®	AP®
HS526	Galv. access cover	6197	FLX-4239
HS526C	Clear access cover	-	FLX-5127
HS526SS	Stainless steel cover	-	-

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## Double Transfer Plate Assembly

Item #	Description	Chore-Time®	AP®
HS541	Double transfer plate assembly	36683	FLX-4234
HS541SS	Stainless steel double assembly	-	-

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## Slide Gate

Item #	Description	Chore-Time®	AP®
HS523-12	Single, 11.31" x 6.6"	4357	-
HS523SS-12	Single stainless steel	-	-
HS523-17	Double, 11.31" x 3.125"	-	-
HS523SS-17	Double stainless steel	-	-
HS523-25	Single, 11.91" x 6.1"	-	FLX-4782
HS451	Double, 11.25" x 3.25"	-	FLX-4320

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## Flexible Drop Tube

Item #	Description	Chore-Time®	AP®
HSFLX-2563F	3" ID, galv. (25' roll)	7497	FLX-2563
HSFLX-2564F	3-1/2" ID, galv. (25' roll)	6383	FLX-2564

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## Clear Flexible Drop Tube

#52776	3" ID, 3.35 OD flexible tube, clear
#52777	3-1/2" ID, flexible tube, clear
#52773	5" ID, 5.63 OD flexible tube, clear



## Extended Anchor Bearing

Eliminate problems with auger breaking and plugging when feeding out of the front bin of a tandem system. With the extended anchor bearing you can open the slide gate and remove restrictor baffles that cause bridging.

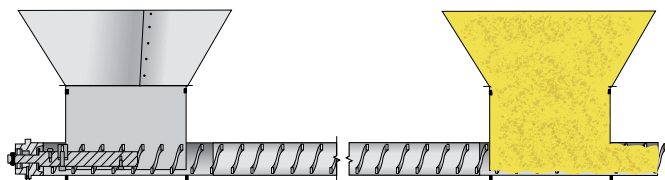
The standard anchor bearing features a restrictor tube to prevent the core of the auger from overfilling. The extended anchor simply extends the restrictor tube forward to the front bin.

Remove the existing anchor bearing on the back bin. Cut the 14' galvanized tube to length extending 2" past the front unloader. Slip the cut tube inside the auger core and attach the new bearing to the rear bin unloader.

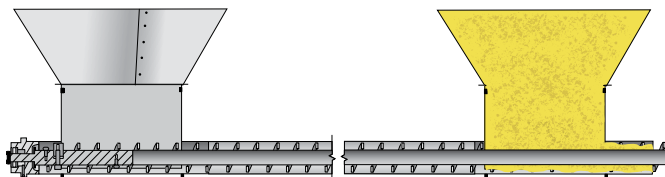
- #HSAB75E-10 ..... for M75 for GSI (must also order Part #HSAB75E-8)
- #HSAB75EC-10... for M75 Chore-Time, GrowerSELECT (must also order Part #HSAB75E-8)
- #HSAB75E-8 ..... 14' Galvanized Tube for Extended Anchor Bearing

Use of Original Equipment Manufacturer part numbers is for reference only.

### Without Extended Anchor



### With Extended Anchor







**GrowerSELECT®**

## Direct Drive Auger Motors

Superior engineering makes GrowerSELECT® the best replacement motor for any operation.

- Features stress-proof 1144 steel shaft to prevent breakage
- Permanently lubricated ball bearings provide extended service
- Shielded centrifugal starting switch protects against over spin conditions
- Manual overload protection
- Higher Service Factor
- 1725 RPM, 50/60 Hertz



### HS9020A

HP: 1/3  
Shaft Size: 1/2"  
F.L. Amps: 5.4/2.7-2.7  
Volts: 115/208-230  
Frame: 48Y



### HS9021C

HP: 1/2  
Shaft Size: 1/2"  
F.L. Amps 8.7/ 4.3-4.4  
Volts: 115/208-230  
Frame: 56Y



### HS9022A

HP: 3/4  
Shaft Size: 1/2"  
F.L. Amps 10.4/5.0-5.2  
Volts: 115/208-230  
Frame: 56Y



### HS9023C

HP: 1  
Shaft Size: 5/8"  
F.L. Amps 8.8/4.4-4.4  
Volts: 115/208-230  
Frame: 56HY



### HS9024A

HP: 1-1/2  
Shaft Size: 5/8"  
F.L. Amps 15.7/7.8-7.8  
Volts: 115/208-230  
Frame: 56HY

### Replacement OEM Part Numbers\*

Item #	AP/Cumberland*	Chore-Time*	Valco*
HS9020A	FLX-4763	4229	735390
HS9021C	FLX-4764	5050C	735391
HS9022A	FLX-4765	5051	736392
HS9023C	FLX-4766	6857	735393
HS9024A	FLX-2473	8782C	-

Use of Original Equipment Manufacturer part numbers is for reference only.





## US Motors

- Totally Enclosed Fan Cooled
- Class B Insulation
- Manual Reset Thermal Overload Protector
- ODE Shaft Extension for Hand Crank
- Ball Bearings
- Reversible Rotation
- 1-Year Warranty



### N9020

HP: 1/3  
Shaft Size: 1/2"  
F.L. Amps: 5.9/2.6  
Volts: 115/230  
Frame: 56Y



### N9021

HP: 1/2  
Shaft Size: 1/2"  
F.L. Amps: 8.6/4.3  
Volts: 115/230  
Frame: 56Y



### N9022

HP: 3/4  
Shaft Size: 1/2"  
F.L. Amps: 10.6/5.3  
Volts: 115/230  
Frame: 56Y



### N9023

HP: 1  
Shaft Size: 5/8"  
F.L. Amps: 12.89/6.5-6.4  
Volts: 115/208-230  
Frame: 56Y



### N9024

HP: 1-1/2  
Shaft Size: 5/8"  
F.L. Amps: 16.2/8.1  
Volts: 115/230  
Frame: 56Y



## Leeson Motors

- Totally Enclosed Fan Cooled
- Class B Insulation
- Manual Reset Thermal Overload Protector
- ODE Shaft Extension for Hand Crank

- Ball Bearings
- Reversible Rotation
- 2 Year Warranty



### LE9021

HP: 1/3  
Shaft Size: 1/2"  
F.L. Amps: 5.9/2.6  
Volts: 115/230  
Frame: 56Y



### LE9022

HP: 1/2  
Shaft Size: 1/2"  
F.L. Amps: 8.6/4.3  
Volts: 115/230  
Frame: 56Y



### LE9023

HP: 3/4  
Shaft Size: 1/2"  
F.L. Amps: 10.6/5.3  
Volts: 115/230  
Frame: 56Y



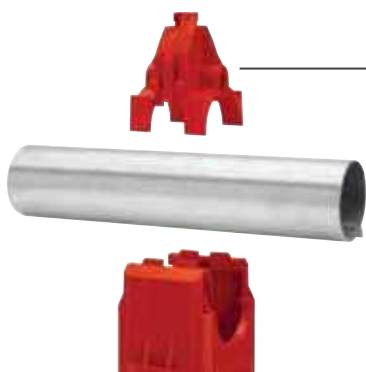
### LE9024

HP: 1  
Shaft Size: 5/8"  
F.L. Amps: 12.89/6.5-6.4  
Volts: 115/208-230  
Frame: 56Y

Grower**SELECT**

# CLASSIC FLOOD

HOGSLAT



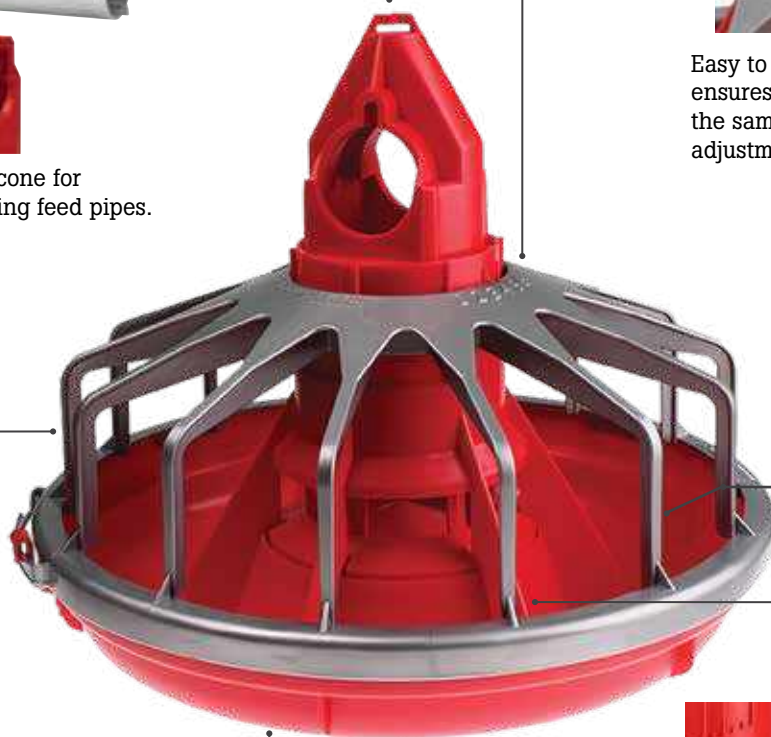
Optional two piece cone for installation on existing feed pipes.



Easy to read Feed Level Indicator ensures each pan is set exactly the same and allows for adjustments as chicks grow.



Optional 8 or 14 spoke grill.



Specially designed flood windows increase available feed in the pan to attract chicks starting on feed.



Reinforced wear areas in the pan add strength, leading to a longer lifespan.



Standard or 1/2" longer extended fin. Extended fins keep the cone off the pan bottom maintaining feed flow.

**SAVE**  
WHEN YOU  
BUY 500 OR  
MORE!

**FEEDER PARTS MATRIX**



**HS8000-7**  
Pan w/ shallow cone



**HS8000-1**  
Pan w/ standard cone



**HS8000-4**  
Support cone for standard fin



**HS8000-4F**  
Support cone for extended fin



**HS8000**



**HS8000A**



**HS8000B**



**HS8000C**



**HS8000D**



**HS8000F**



**HS8000G**

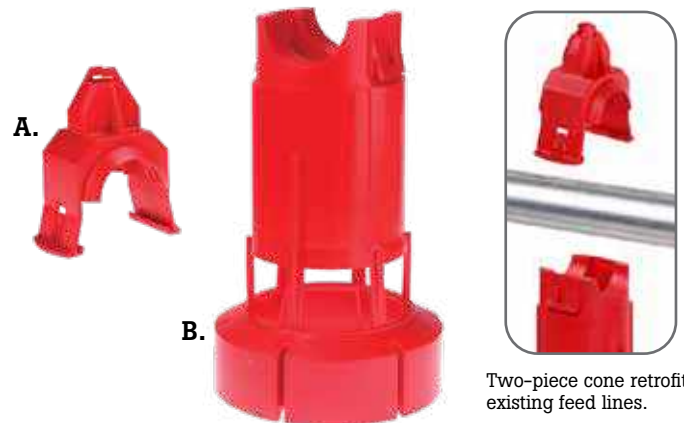


**Classic Flood Pan Feeder Model**  
**For Big Dutchman 45mm Smooth Pipe**

#HS8000I.....8 spoke grill, standard fin, shallow pan, 2 piece, 45mm drop tube  
#HS8000M.....14 spoke grill, standard fin, shallow pan, 2 piece, 45mm drop tube  
#HS8000O.....14 spoke grill, extended fin, shallow pan, 2 piece, 45mm drop tube

**⚠ WARNING:**

This product can expose you to chemicals, including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)









**Support Cones for Big Dutchman 45mm Smooth Pipe**

A) #HS8000-10.....Removable Top  
B) #HS8000-9.....Support Cone

**⚠ WARNING:**

This product can expose you to chemicals, including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



 HS8000-5R Support cone w/ removable top	 HS8000-6R Removable top	 HS8000-3F Adjuster for extended fin	 HS8000-3 Adjuster for standard fin	 HS8000-8 8-spoke grill	 HS8000-2 14-spoke grill
			✓		✓
			✓	✓	
		✓			✓
		✓		✓	
✓	✓		✓		✓
✓	✓	✓			✓
✓	✓	✓		✓	



### G-Logic Control Pan

G-Logic Control Pan features a non-mechanical sensor to detect feed levels for increased reliability. Complete with a 10' pigtail cord, 18" cord protector, watertight connections and 8 spoke grill. 115/ 230 volt. Available as eight spoke grill only.

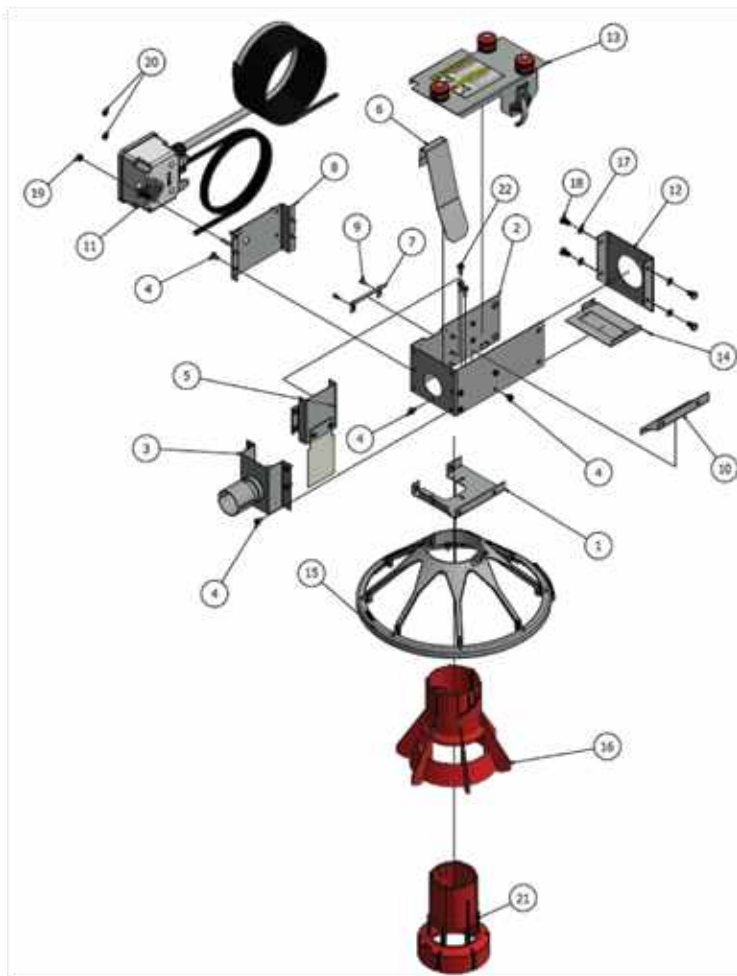
#HS8501 ..... G-Logic Control Pan

#### **WARNING:**

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

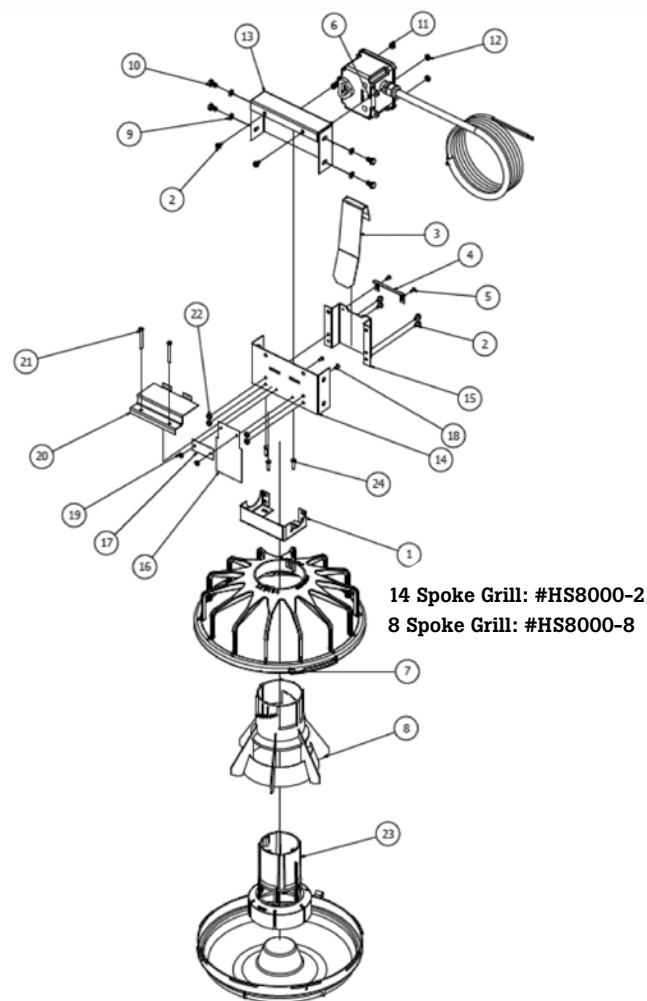






### HS8500 End of Line Control Pan

Key	Qty	Item#	Description
1	1	<b>HS8500-16</b>	Bracket Complete, Bottom - Eol Control
2	1	<b>HS8500-12</b>	Housing Complete, Main - Eol Unit
3	1	<b>HS8500-24</b>	Inlet, Complete - Eol Control
4	19	<b>60930</b>	Shw #10-24 X .375 Zp
5	1	<b>HS8500-7</b>	Assy - Paddle Shield - Eol Control
6	1	<b>HS8500-14</b>	Paddle, Eol Control
7	1	<b>HS8500-15</b>	Brkt, Retainer - Eol Control Paddle
8	1	<b>HS8500-10</b>	Brkt Complete, Control Module - Eol Control
9	2	<b>5289024</b>	Screw, 6-20 X .250 Pan Head Tapping
10	1	<b>HS8500-31</b>	Brkt Complete, Hopper Divider - Eol Control
11	1	<b>HS8250-4</b>	Assy- Control Housing
12	1	<b>HS8500-19</b>	Brkt, Drive End - Eol Control
13	1	<b>HS8500-34</b>	Cover Assy, Hopper - Eol Control
14	1	<b>HS8500-18</b>	Rear Shield, Hopper - Eol Control
15	1	<b>HS8000-2</b>	Grill, 14 Spoke Chicken Feeder
16	1	<b>HS8000-3</b>	Cone, Adjustment Chicken Feeder
17	4	<b>60596</b>	Washer, Lock, Helical, 1/4 Zp
18	4	<b>60500</b>	Hhc, 1/4-20 X .50 Lg Zp
19	1	<b>1121010500</b>	Nut, Hex, Nyloc #10-32 Unf
20	2	<b>60911</b>	Nut, Hex, #10-32, Zinc
21	1	<b>HS8500-37</b>	Cone, Support Modified - Eol Control
22	3	<b>60925</b>	Screw, 10-16 X .75 Hex Type B
	1	<b>WNY25-1</b>	Wire Nut, Yellow - Csa Certified



### HS8250 Mid-Line Control Pan

Key	Qty	Item#	Description
1	1	<b>HS8250-6</b>	Bracket Mounting Assembly
2	6	<b>60930</b>	Screw 10-24 X .375 Hex Head Washer Unslotted Zinc
3	1	<b>HS8500-14</b>	Paddle Control
4	1	<b>HS8500-15</b>	Control Paddle Bracket Retainer
5	2	<b>5289024</b>	Screw, 6-20 x .250
6	1	<b>HS8250-4</b>	Assembly, Control Housing
7	1	<b>HS8000-2</b>	Grill, 14 Spoke Chicken Feeder
8	1	<b>HS8000-3</b>	Cone Adjuster-Classic Flood Feeder
9	4	<b>60596</b>	Washer Lock 1/4"
10	4	<b>60500</b>	Bolt 1/4-20 X 1/2" Zinc
11	1	<b>1121010500</b>	Nut Nylok SS 10-32
12	2	<b>60911</b>	Nut, Hex, 10-32 Zinc
13	1	<b>HS8250-13</b>	Bracket Housing Assembly
14	1	<b>HS8250-11</b>	Bracket Shield Mount Assembly
15	1	<b>HS8250-8</b>	Bracket Flapper Assembly
16	1	<b>HS8500-28</b>	Paddle Shield
17	1	<b>HS8500-27</b>	Plate Retainer
18	2	<b>609210</b>	Screw 6-32 X 5/16" Zinc
19	2	<b>60912</b>	Nut Hex Machine Screw #6-32 Zinc
20	1	<b>HS8250-10</b>	Cover, Mount
21	2	<b>10C175MUHZ</b>	Hex Head Unslotted 10-24 X 1-3/4" Zinc
22	4	<b>10CNMAZ</b>	Nut 10-24 Hex Zinc
23	1	<b>HS8500-37</b>	Cone Support EOL Control
24	3	<b>60925</b>	Screw 10-16 x .75 Hex Head Zinc



# CLASSIC PULLET

With heavy plastic construction to handle aggressive pullets, the Classic Flood feeder can be customized for any operation.













- Shallow pan for increased accessibility with raised ridges separating the bottom to maintain uniform feed distribution.
- Flood window for increased feed availability for young chicks.
- Choose from optional features such as slide shutoff, restriction cone, and an anti-rotation device.

Optional Part # HS8000-24,  
Flood Lockout Collar also  
available for all models

#HS8000-24 ..... Flood Lockout Collar



## FEEDER PARTS MATRIX

					
		HS8010A	HS8010B	HS8010C	HS8010D
	Pan HS8000-16	✓	✓	✓	✓
	Shutoff Slide HS8000-17		✓		
	Restrictor HS8000-18		✓		✓
	Cone Bottom HS8000-19*	HS8000-19A	HS8000-19B	HS8000-19C	HS8000-19D
	Cone Top HS8000-20	✓	✓	✓	✓
	Adjuster HS-8000-21	✓	✓	✓	✓
	Anti-Rotation HS8000-22		✓	✓	✓
	8-Spoke Grill HS8000-14	✓	✓	✓	✓








Choose from multiple options to customize your operation's rooster pans. Heavy duty injected molded plastic stands up to the most aggressive roosters.

- 4-spoke grill minimizes "hang-ups".
- Anti-Rotation Device to prevent swinging and keep pans steady.
- Raised ridge pan bottom maintains uniform feed distribution.
- Molded locking collar to prevent manipulation of feed level.
- Optional Restrictor Tube to further reduce amount of feed per pan.
- Optional pan shut off slide to allow selective feeding.



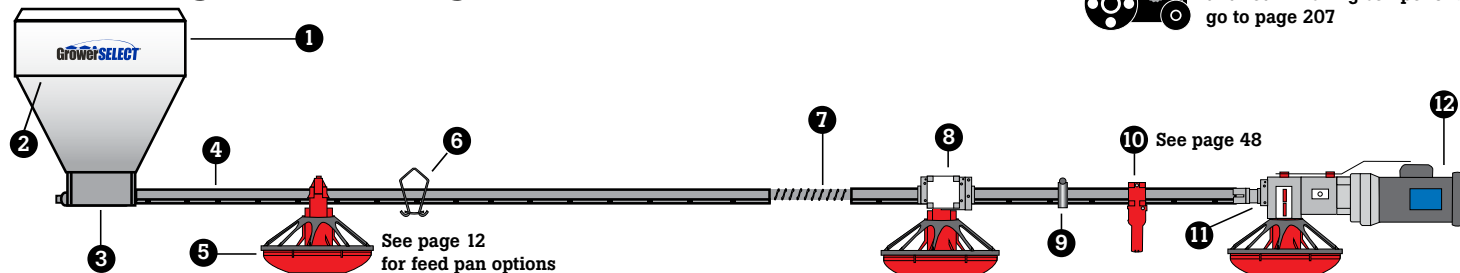
#### FEEDER PARTS MATRIX

		 HS8020B	 HS8020C	 HS8020D
	Pan HS8000-16	✓	✓	✓
	Shutoff Slide HS8000-17	✓		
	Restrictor HS8000-18	✓		✓
	Cone Bottom HS8000-19*	HS8000-19B	HS8000-19C	HS8000-19D
	Cone Top HS8000-20	✓	✓	✓
	Adjuster HS-8000-21	✓	✓	✓
	Anti-Rotation HS8000-22	✓	✓	✓
	Flood Lockout Collar HS8000-24	✓	✓	✓
	4-Spoke Grill HS8000-25	✓	✓	✓

# Poultry Feed Systems



For winches, pulleys, cable and rod winching components go to page 207



## 1) Feed Line Hoppers

20 ga. galvanized feed hopper with Dual Point suspension. Can also be mounted with top single point suspension. Ships unassembled.

#HS569A-120	120 lb
#HS569A-200	200 lb
#HS456	Lid for 200 lb hopper
#HS569A-300	300 lb

### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

A) #HS597



B) #HS597-PROX



C) #HS765



## 2) Hopper Level Control Switches

- A) Electromechanical switch with adjustable arm to set feed levels.
- B) Proximity Hopper Switch eliminates problems with paddles and fabric diaphragms.
- C) Isolator switch serves as a master relay connecting up to four proxy or electromechanical hopper switches to the auger control unit.

#HS597	Hopper Level Control Switch
#HS597-PROX	Hopper Level Prox Control Switch (requires HS765 Isolator Switch)
#HS765	Multi-Hopper Isolator Switch

### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## 3) Unloader Kits

Unloader kits for feed line hoppers, complete with cannonballs, anchor bearings, and hardware.

#HS532KIT	Single Unloader Kit
#HS533KIT	Double Unloader Kit

### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## 4) Feed Line Tube

Constructed of G90, rolled-formed galvanized steel, the GrowerSELECT® feedline tube is a standard 1.75" diameter. The seam features additional crimps per inch for additional strength and a deep 2" long wedged bell mouth.

#HSPFT175-409	1.75 4 On 9
#HSPFT175-410	1.75 4 On 10
#HSPFT175-809	1.75 8 On 9
#HSPFT175-810	1.75 8 On 10

### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## 6) Feed Line Hanger

#HSHO22	Hanger Bracket
#HSHO22-1	Strap only for HSHO22
#HSHO23	Hanger Bracket
#HSH671	Rooster Hanger Bracket
#HSH449	Scissor Hanger w/ S-hook

### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## 7) Grow-Flex™ Auger

Our innovative manufacturing process forges a stronger, more durable auger with superior flexing and breaking strength that outperforms standard augers.

#HSFA-44	Flexible Auger 44mm
----------	---------------------

### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## 8) Intermediate Control Pan

Mid line control pan complete with 10' pigtail cord, 18" cord protector and 8 spoke grill. 115/230 volts with 20 amp micro switch, CSA Certified. Available as eight spoke grill only.

#HS8250	Intermediate Control Pan
---------	--------------------------

### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## 9) Hanger Clamp for 1.75" Feed Pipe

#HSHO24	Hanger Clamp
---------	--------------

### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## 11) End Control Pan

Rugged, trouble-free design utilizes a simple paddle switch to control feed lines. Complete with 10' pigtail cord, 18" cord protector, water tight connections and 8 spoke grill. 115/230 Volts with 20 amp micro switch. CSA Certified. Available as eight spoke grill only.

#HS8500 ..... End Control Pan

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## 12) Drive Units

Complete with 115/230v motor, 352-rpm gear head, pinion, driver connection kit, gear oil and hardware. Includes 36" pigtail cord.

#HS9020D1-P ..... 1/3 Hp

#HS9021D1-P ..... 1/2 Hp

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## Direct Drive Auger Motors

These rugged, reliable motors have been designed from the "ground up" to meet the demanding duty cycle of feed motors.

#HS9020A ..... 1/3 Hp Standard (CT,BD, GSI, Valco)

#HS9021C ..... 1/2 Hp Standard (CT,BD, GSI, Valco)

#HS9025A ..... 1/2 Hp Roxell Applications

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Light Kit

Light kit for any Classic Flood end control pan. Six powerful, long-lasting LED lights illuminate the control pan attracting birds. This leads to increased feed line run times, resulting in fuller pans. The light kit mounts under the control unit to reduce shading and shadows. Includes light plate and integrated wiring assembly.

#HS8500LA ..... Light Kit



### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## Auger Gear Head

Quality cast aluminum housing with precision cut internal gears.

#HSGR001 ..... 352 RPM Gear Head

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Shocker Cable

1/16" 1x7 galvanized cable

#52260-500 ..... 500' roll

#52260-1000 ..... 1000' roll

#HS17016 ..... Shocker Spring, 5" long

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## Insulator Kit

#HS532-15 ..... Insulator Kit

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## Auger Lock & Drive Kit

#HS538 ..... Auger Lock and Drive Kit

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Cord Cleaner

The Cord Cleaner installs over existing pulleys to remove dirt and dust when the equipment is raised.

#ISCC-10 ..... Cord Cleaner



## Cable & Rope Adjusters

#HSH076 ..... 3" - no lock

#617315 ..... 2" - no lock

#HSH018 ..... 3-1/2" - w/ lock

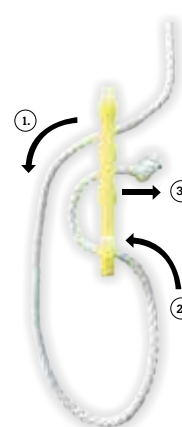
#HSH019 ..... flat

#HSCA-1 ..... Plastic Cord Adjuster

#HSCA-3 ..... Heavy Duty Cord Adjuster

### ⚠ WARNING:

\*This product can expose you to chemicals, including formaldehyde, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



# Grower**SELECT**® Adult Turkey Feeder

#HST1000..... Adult Turkey Feeder  
 #HST1000S..... Adult Turkey Feeders, Low Profile, 2" shorter  
 #HST1000P..... Adult Turkey Feeder, Plastic Cone  
 #HST1000SP..... Adult Turkey Feeder, Plastic Core, 2" shorter

**⚠ WARNING:**  
 This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



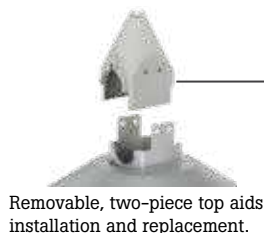
Heavy-duty galvanized shield designed to withstand large birds.



Square, free-swinging, steel drop tube allows feeder to move to reduce bruising.



Flue ring adjustment permits accurate control of feed level to prevent waste. Molded cone in pan distributes feed for 360° bird access.



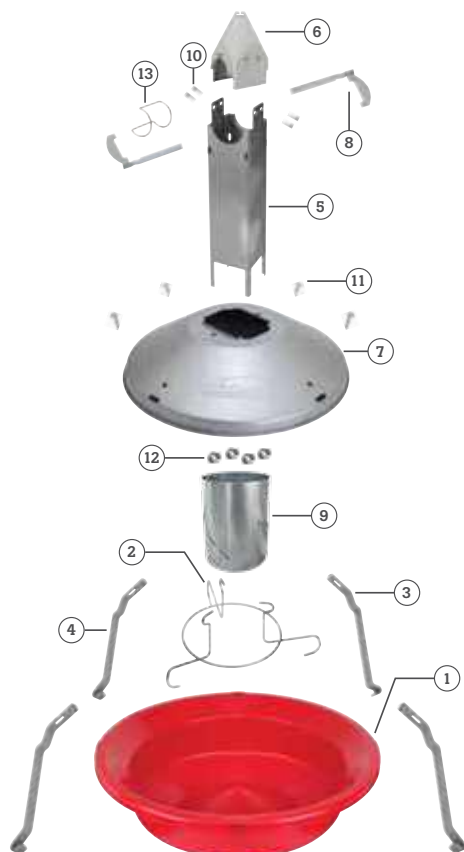
Removable, two-piece top aids installation and replacement.



Now available with plastic drop tube and adjustment.

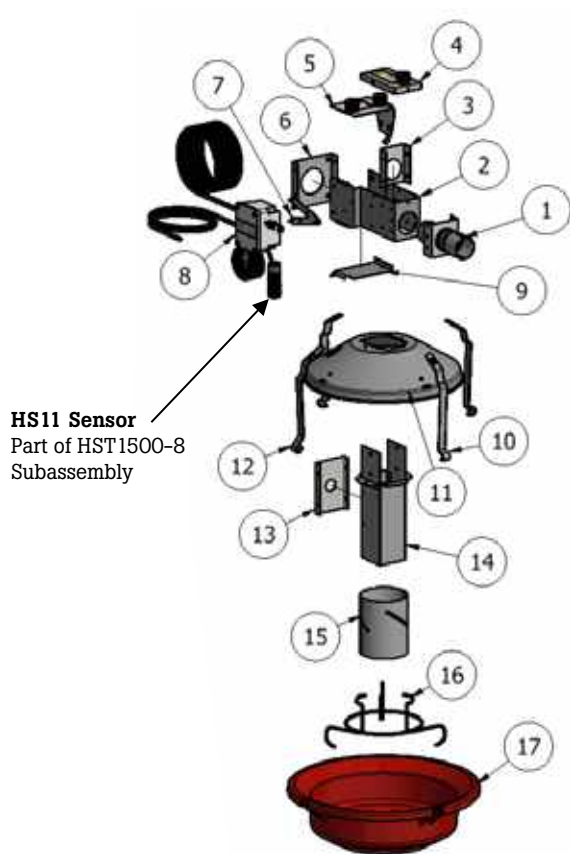


Robust polypropylene feed pan features classic deep V design with feed saver lip. Reinforced pan stands up to even the most aggressive birds.



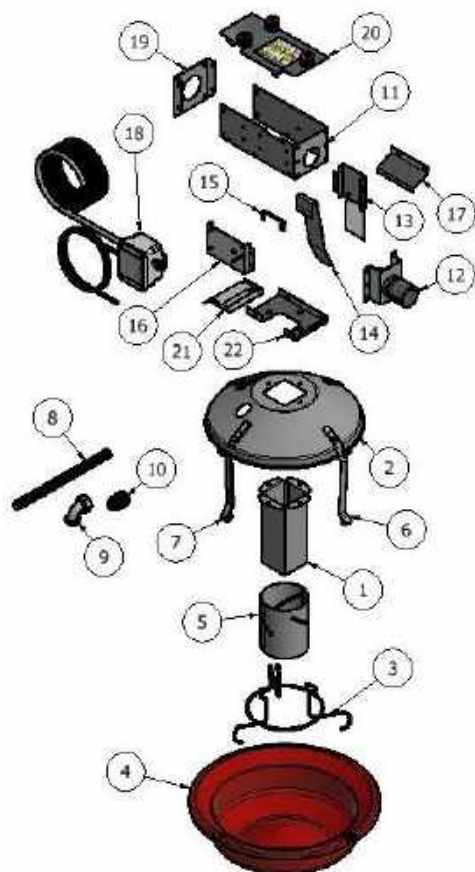
## Adult Turkey Feeders HST1000 - Standard Profile HST1000S - Low Profile

Key	Qty	Item#	Description
1	1	HST1000-1	Pan
2	1	HST1000-10	Adjustment Flue Support
3	3	HST1000-8	Feeder Shield Support Leg
3A	3	HST1000S-8	Feeder Shield Support Leg, Low Profile
4	1	HST1000-14	Swinging Support Leg
4A	1	HST1000S-14	Swinging Support Leg, Low Profile
5	1	HST1000-7	Feed Tube
5A	1	HST1000S-7	Feed Tube, Low Profile
6	1	HST1000-4	Drop Tube Top
7	1	HST1000-13	Shield
8	2	HST1000-9	Locking Bar
9	1	HST1000-16	Flue ring adjustment
10	4	13664-00200	Screw #10-24 x 3/8" Hex Slot Washer
			Zinc w/ Nylon Patch
11	4	6070900	Carriage Bolt 1/4-20 X 5/8" Zinc
12	4	60680	Lock Nut Hex Nylon Insert 1/4-20 Zn
13	1	HST1000-15	Centering Clip



### HST1500 G-Logic End of Line Control Pan - Turkey

Key	Qty	Item#	Description
1	1	<b>HST1500-24</b>	Inlet, Complete, EOL Control, 2 In
2	1	<b>HST1500-12</b>	EOL Control Unit, Body
3	1	<b>HST1500-38</b>	U-Bracket, Control Unit
4	1	<b>HST1500-34</b>	Cover, Hopper, EOL Unit, Complete
5	1	<b>HST1500-44</b>	Cover Assy, Hopper - EOL Control
6	1	<b>HS8500-19</b>	Eol Control Unit, Brkt, Drive End
7	1	<b>HST1500-5</b>	Bracket, Control Box, EOL Control Unit - Complete
8	1	<b>HST1500-8</b>	Control Box Assy, G-Logic
9	1	<b>HST1500-18</b>	Rear Shield, Hopper - EOL Control
10	3	<b>HST1000-8</b>	Leg, Support, Feeder, Shield
11	1	<b>HST1500-1</b>	Eol Shield, Turkey Feeder
12	1	<b>HST1000-14</b>	Leg, Support, Swinging
13	1	<b>HST1500-9</b>	Support, Sensor, EOL Unit
14	1	<b>HST1500-46</b>	Tube, Assy, Drop
15	1	<b>HST1000-16</b>	Ring, Adjustment, Flue
16	1	<b>HST1000-10</b>	Support, Adjustment Flue
17	1	<b>HST1000-1</b>	Pan, Turkey Feeder

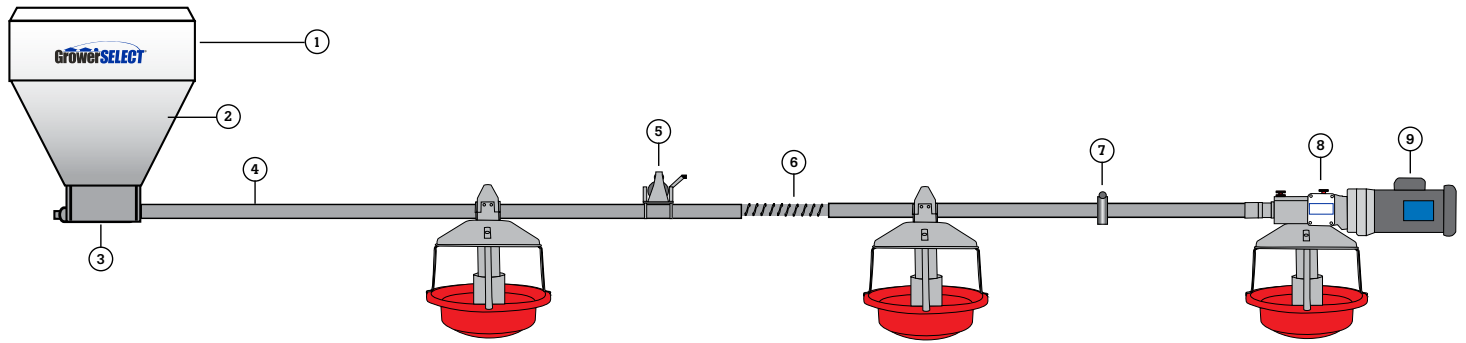


### HST1100 Mechanical End of Line Control Pan - Turkey

Key	Qty	Item#	Description
1	1	<b>HST1100-2</b>	Tube, Assy, Drop-Mechanical
2	1	<b>HST1100-3</b>	EOL Shield, Turkey Feeder-Mechanical
3	1	<b>HST1000-10</b>	Support, Adjustment Flue
4	1	<b>HST1000-1</b>	Pan, Turkey Feeder
5	1	<b>HST1000-16</b>	Ring, Adjustment, Flue
6	3	<b>HST1000-8</b>	Leg, Support, Feeder Shield
7	1	<b>HST1000-14</b>	Leg, Support, Swinging
8	1	<b>88023NMF</b>	Conduit Flexible 1/2" X 100' Rolls Sold Per Foot
9	1	<b>8802093</b>	Elbow, Metallic, 1/2 Liquid Tight
10	1	<b>8802092</b>	Hub, Conduit, Liquid Tight, 1/2 Gray St
11	1	<b>HST1100-5</b>	Housing Complete, Main EOL Unit Mechanical
12	1	<b>HST1100-10</b>	Inlet, Complete-Mechanical EOL Control 2"
13	1	<b>HS8500-7</b>	Assy- Paddle Shield - EOL Control
14	1	<b>HST1100-15</b>	Paddle, EOL Control
15	1	<b>HS8500-15</b>	Brkt, Retainer - EOL Control Paddle
16	1	<b>HS8500-10</b>	Brkt Complete, Control Module - EOL Control
17	1	<b>HS8500-31</b>	Brkt Complete, Hopper Divider - EOL Control
18	1	<b>HS8250-4</b>	Assy-Hopper Level Control
19	1	<b>HS8500-19</b>	Brkt, Drive End - Eol Control
20	1	<b>HST1100-12</b>	Cover Assy, Hopper EOL Control Mechanical
21	1	<b>HST1100-9</b>	Rear Shield, Hopper EOL Control Mechanical
22	1	<b>HST1100-7</b>	Brkt Complete, Bottom-EOL Control-Mechanical



# Turkey Feed Systems



Adult Turkey Feeder

## 1) Feed Line Hoppers

20 ga. galvanized feed hopper with Dual Point suspension. Can also be mounted with top single point suspension. Ships unassembled.



- #HSS69A-200 ..... 200 lb  
#HSS69A-300 ..... 300 lb

### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## 2) Hopper Level Control Switch

Fully enclosed "normally closed" switch eliminates shock hazard. Switch features adjustable arm to set feed depth and removable feed shield to adapt to different applications. Prewired "Normally Closed" 110/220 Volt, 20 Amps max.



- #HS597 ..... Hopper Level Control Switch

### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## 3) Unloader Kits

- #HST1610KIT ..... Single Unloader Kit  
#HST1600KIT ..... Twin Unloader Kit

### WARNING:

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## 4) Turkey Tube

- #HSPFT200-110 ..... 2", 1 on 10' (80" spacing)  
#HSPFT200-210 ..... 2", 2 on 10' (60" spacing)  
#HSPFT200-210L ..... 2", 2 on 10' (80" spacing)  
#HSPFT200-310 ..... 2", 3 on 10' (40" spacing)

### WARNING:

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## 5) Winch Kit

- #HST1733 ..... winch for feed level adjustment

### WARNING:

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## 6) Grow-Flex™ Auger

Our innovative manufacturing process forges a stronger, more durable auger with superior flexing and breaking strength that outperforms standard augers.

- #HSFA-44 ..... Flexible Auger 44mm

### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## 7) Feed Line Clamp

- #HST500 ..... 2" Feed line clamp

### WARNING:

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## 8) End Control Pan

- #HST1500 ..... Proximity switch model  
#HST1100 ..... Mechanical switch model

### WARNING:

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## 9) Drive Units

Complete with 115/230v motor, 352-rpm gear head, pinion, driver connection kit, gear oil and hardware. Includes 36" pigtail cord.

- #HS9020D1-P ..... 1/3 Hp  
#HS9021D1-P ..... 1/2 Hp

### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## Boot Weldments

- #HST1610 ..... Single Boot Weldment  
#HST1600 ..... Double Boot Weldment

### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## Anchor Bearing

- #HSTAB45 ..... Turkey Anchor Bearing

### WARNING:

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## Insulator Kit & Feed Line Hanger

- #HST1734 ..... Insulator Kit, Turkey  
#HST1001 ..... Feed Line Hanger

### WARNING:

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# SOW DROP

The Sow Drop's molded UV stable polypropylene body resists damage from sunlight and cold temperatures. Available in large 12 pound capacity or 8 pound model with integrated card clip.



Positive open/close shut off slide on top. Adjustable feed slide features fade-resistance, stamped lettering versus surface printed symbols.



The GrowerSELECT Sow Drop utilizes a longlasting, stainless steel cable instead of a nylon cord to control the shut off ball. Cable runs through replaceable wear grommets.

The open-top design allows installation of the unit directly on feed lines. Features large side access plug.



Constructed of high density plastic, the one-piece shut off ball does not require filler weight. Lifter cable can be replaced without disassembling the ball.



- #HSSD55.....Model 55/Model 236, 12 lb
- #HSSD75.....Model 75, 12 lb
- #HSSD90.....Model 90, 12 lb
- #HSSD558.....Model 55/Model 236, 8 lb

## **WARNING:**

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

# CENTER DROP

Center drop design hangs straight under the feed pipe. Molded from UV stable polypropylene to prevent damage from sunlight and cold temperatures.



Positive open/close shutoff lever.



Open-top design permits installation directly on feed pipe. Features large access plug.



Adjustable dial controls feed settings from 1 to 8 pounds.



Nylon wheel to prevent excess wear on lifter cord with weighted ball for positive feed shutoff.



- #HSSD55C.....55mm, 8 lb
- #HSSD60C.....60mm, 8 lb

## **WARNING:**

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## **Sow Drop Control Unit**

12 pound capacity control drop for all models with Proxy Plus sensor. 220 Volt.

#HSSD-CU.....Sow Drop Control Unit

## **WARNING:**

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## **Drop Tube Assembly**

Adjustable plastic sow drop tube with replaceable collar for 2" & 3" feed pipes. Universal design with flared top to prevent feed wastage.

- #HS76000.....Complete drop assembly - 2"
- #HS76001...Complete drop assembly - 3", blue collar
- #76000-2.....Replacement collar - 2"
- #HS76000-3.....Replacement collar - 3"



## **Manual Trip Lever**

- Operates up to 30 feed drops.
- Includes hardware
  - (3) 1 3/4" split red fiberglass pulleys
  - (1) 1/8" galvanized cable clamp
  - (2) 2 1/2" x 3/8" lag bolts
  - (3) 3 1/2" x 5/16" screw hooks

#76003.....Trip lever



## **Center Drop Feeder with Control**

8-pound capacity for all Center Drop models with Proxy Plus sensor. 220 volt.

#HSSD2-CU.....Center Drop Feeder w/Control

## **WARNING:**

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

# Offering the most flexible range of feeding systems available.

## Fewer Motors

In many layouts, a Grow-Disk system will only require two motors instead of four. All motors can be located by electrical service entrance, reducing wiring and electrical costs.



### 1) Fill System Unloader

Stainless steel construction with nominal 7.20" x 7.20" flanged opening. Includes clear feed tube couplers and four pipe clamps.

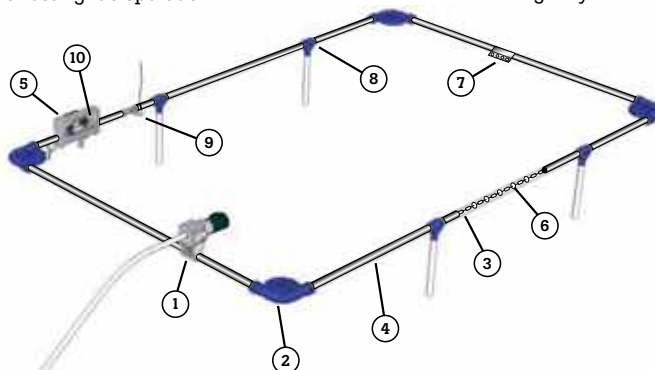
#HSCD304-4 ..... Fill System Unloader

#### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Flexible Pig Management

Since the system isn't controlled by a switch in the end feeder, pigs can be sorted out of any pen without affecting it's operation.



## Flexible Feeding

Offering the capability to feed multiple farrowing rooms or rows of gestation stalls with a single system.

## GET A BETTER CORNER

### E-ZCLEAN

#### 2) E-Z Clean Corner Wheel

- Spot problems fast with the transparent door.
- Door flips open to remove feed buildups
- Cast wheel with encapsulated bearings
- Rugged reinforced polymer housing with sealed gaskets
- Includes hanging kit

#HSCD505 ..... E-Z Clean complete



#### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

### 3) 44mm Grow-Disk™ Chain

Manufactured with harden chain to minimize stretch to reduce the need for adjustments. Grow-Disk chain features longer-lasting nylon disks instead of poly. Grow-Disk is multi-directional with disks spaced at 71.5mm intervals.

#HSCD600 ..... 164'/bag

#### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



### 4) Galvanized Tube

Heavy, 18 ga. galvanized feed tube eliminates installation problems associated with PVC pipe systems. 20' long steel sections don't sag, reducing low spots in the system that cause premature wear on the disks. Tube has an OD of 2.375 inches.

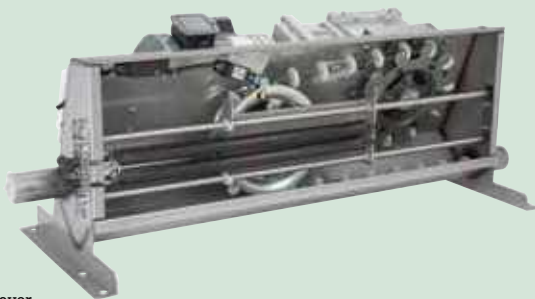
#HSFT2375 ..... Galvanized Tube

#### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)







### 5) Drive Unit

- Transparent front cover
- 304 Stainless steel construction
- Maximum effective length - 1,800 feet
- 1-1/2 HP motor
- Dual safety switches

#HSCD401 ..... Drive unit with hanging kit

#### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



### Control Unit

*Simple Control Based on a Touch Screen Menu*

- Timed or continuous feeding
- Manual or automatic operation
- Controls fill auger, chain disk and feed drops
- USB port for importing settings
- Stores historical info for up to 60 days

#HSCD200 ..... Control Unit



### 6) Chain Coupler

#HSCD600-C ..... Chain Coupler

#### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



### 7) Tube Coupler

7-7/8" long with four bolts for a secure connection.

#HSCD-01 ..... Galvanized

#HSCD-01SS ..... Stainless Steel

#### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



### 8) Drop Adaptor

Wear resistance nylon body with secure hose clamp connections.

#HS660S ..... Drop Adaptor

#### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



### 9) Proxy Switch Kit

Includes HS11 proxy switch, clear tube and mounting hardware.

#HSCD-900 ..... Proxy Switch Kit

#HS11 ..... Proxy switch only, 220v, no hardware

#### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



### 10) Drive Motor

#HS9032A ..... 1-1/2 Hp, 208-230 V

#### ⚠ WARNING:

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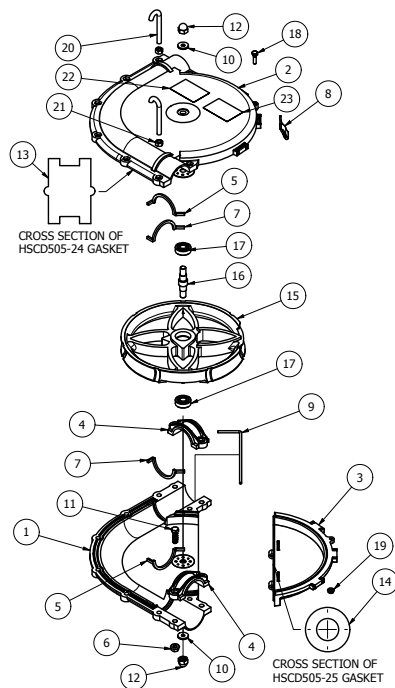
### Chain Disk Soft Starter System

Recommended for use with chain systems over 1,000 ft. Reduces start up impact on system components by starting chain disk drive motor slower over a period of approximately 3 seconds.

#HSCD-100-SS ..... Chain Disk Soft Starter

#### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

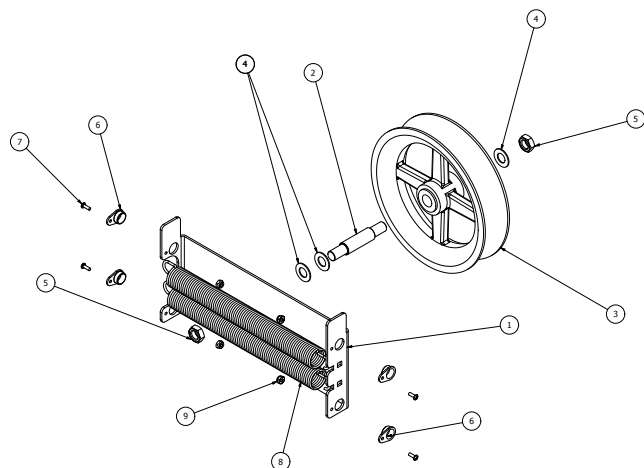


## Chain Disk Corner Assembly

Key	Qty	Item#	Description
1	1	HSCD505-6	Bottom, Corner, Chain Disk
2	1	HSCD505-19	Top, Corner, Chain Disk
3	1	HSCD505-20	End, Clear, Corner, Chain Disk
4	2	HSCD505-11	Clamp, Tube-Chain Disk Corner
5	2	HSCD505-8	Gasket, Bottom-Left
6	12	HS724	Nut, 3/8-16 Hex Serrated Flange
7	2	HSCD505-9	Gasket, Bottom-Right
8	3	HSCD505-18	Retainer Clip
9	1	HSCD505-17	Rod, L-Shaped-Chain Disk Corner Hinge
10	2	605832	Washer, 1/2", Neoprene Bonded Seal 18-8 SS
11	10	605161	Bolt, Hex Cap, 3/8"-16 x 1 1/4" SS
12	2	6068015	Nut, Acorn-1/2"-13 SS
13	39"	HSCD505-24	Gasket, Chain Disk Corner
14	15"	HSCD505-25	Gasket, Access Door
15	1	HSCD505-30	Wheel, Chain Disk Corner
16	1	HSCD505-1	Shaft, Chain Disk Corner
17	2	HSCD505-23	Bearing, Chain Disk Corner
18	1	60686	Hex Bolt - 1/4-20 X 1 SS
19	1	0129150	Nut, Hex, Serrated 1/4"-20 SS
20	2	607092	Bolt, J, 3/8"-16 X 3-1/2" SS
21	2	60606	Nut, Hex, Finish 3/8"-16 SS
N/S	1	HSCD505-28	Kit, Hardware - HSCD505
22	1	HSLABEL-251	Label, Warning, Chain Disk Corner
23	1	HSLABEL-252	Label, Warning, Chain Disk Corner-Spanish

### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

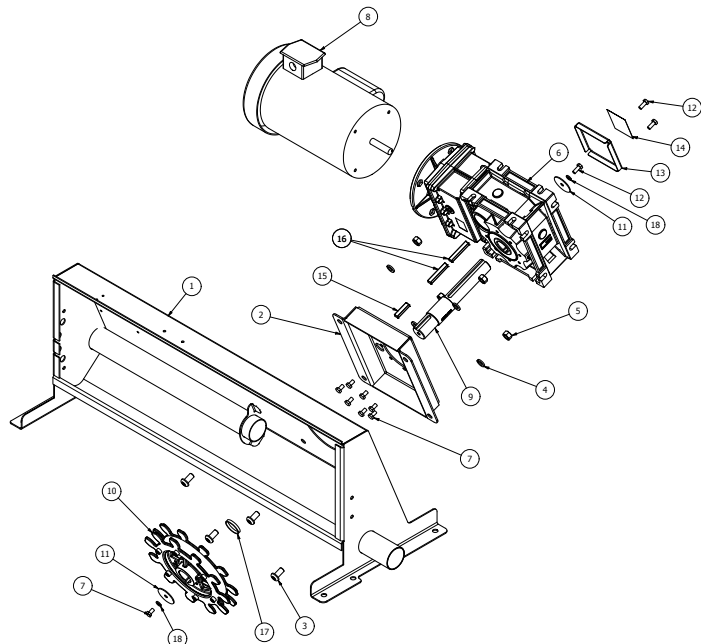


## HSCD401-SUB.ASY

Key	Qty	Item#	Description
1	1	HSCD401-3	Plate, Guide Pulley
2	1	HSCD401-9	Shaft, Idle Pulley
3	1	HSCD401-5-1	Pulley, Idle-Asy
4	3	605842	Washer, Flat 1.19" OD x 0.64" ID x 0.0585 THK SS
5	2	605523	Nut, Zinc 5/8" Jam-Chain Disk
6	4	1EMG3	Bushing, Chain Disk Carriage
7	4		60881 Cross Recessed Pan Head
			Machine Screw - Type I 8-32 x 3/4" SS
8	2	HSCD401-11	Spring, Tension
9	4	60883	Nut, 8-32, Nyloc-Ss

### WARNING:

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## HSCD401 MOTOR-GEARBOX SUB

Key	Qty	Item#	Description
1	1	HSCD401-7	Weldment, Housing
2	1	HSCD-303	Plate, Mount
3	4	73834	Screw, 1/2"-13 X 1" Socket Button Cap SS
4	4	60616	Washer, Lock - Ss 1/2"
5	4	606061	Nut, Hex, 1/2-13 - SS
6	1	HSCD-301	Gearbox Transtecno 39.26:1 Nema 56C-140TC
7	8	61914	Bolt, M8 X 1.25 x 14mm SS
8	1	HS9032A	Motor 1.5 Hp 1ph 60 Hz 208-230v
9	1	HSCD-311	Shaft, Output
10	1	HSCD313	Wheel, Drive, Cast-Assembly
11	2	HSCD-308	Washer, Op Shaft To Drive-Cd
12	3	61913	Bolt, M8 x 1.25 x 20mm SS
13	1	HSCD-306	Guard, Gearbox
14	1	HSLABEL-213	Label, Warning, Moving Parts-Eng./Spanish
15	1	HSCD-507	Key, 8mm x 10mm x 1.7in
16	2	HSCD-501	Key, 8mm x 10mm x 2.5in
17	1	HSCD-311-01	Spacer, HSCD-311 Rev A3 Shaft
18	2	60589	Washer, Lock 5/16 SS

### WARNING:

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## Infrared Feed Control

Control uses advanced infrared light technology to detect feed levels and the control feed system. Intuitive multicolor function display shows controller status at a glance. Functions include max run time monitoring, FEED NOW to bypass feed delay, continuous run, and timed disable mode. Includes relays for direct connection to the auger motor and alarm output.



- #HS820 ..... Infrared Feed Control  
 #HS820-4 ..... Clear protective cover

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## Hopper Level Proximity Control Switch

This hopper level control switch utilizes a proxy switch to eliminate problems with paddles and fabric diaphragms. Easy height adjustment to control feed level. Designed to work with HS765 Multi-Hopper Isolation Switch. The HS597-PROX is a low current device (220mA max) and can only be used to operate a relay or other low current loads



- #HS597-PROX ..... Hopper Level Prox Control Switch  
 #EL1213 ..... Replacement Proximity Switch for HS597-PROX

### ⚠ WARNING:

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## Multi-Hopper Isolator Switch

The HS765 Multi-Hopper Switch Isolator allows for the connection of up to four hopper level switches to one location providing a single Normally Closed (N/C) output. The output can be connected to an auger control unit to control the operation of the auger motor. The four hopper level switches are isolated so that electromechanical or two wire proximity switches can be used in any combination. With the HS765, any of the four switches can call for feed causing the auger motor to power on. Relay Output Contact Rating: 1-1/2 HP @ 220-240VAC 50/60 Hz.



- #HS765 ..... Multi-Hopper Isolator Switch

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## Delay Relay Kit

Prevents auger motor from "short cycling" & causing premature motor failure.

- #HS598 ..... Switch w/ internal relay, adjusts from 1-100 sec  
 #HS617 ..... Switch w/o internal relay, adjusts from 1-1000 sec

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## Hopper Level Control Switch

Fully enclosed switch eliminates shock hazard. Switch features adjustable arm to set feed depth and removable feed shield to adapt to different applications. Prewired "Normally Closed" 110/220 Volt, 20 Amps max.



- #HS597 ..... Hopper Level Control Switch  
 #EL1052M ..... Replacement Micro Switch  
 #HS597-4 ..... Replacement Blue Cloth Switch Cover

### ⚠ WARNING:

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## Feed Level Control

Controls feed motor to regulate the feed level in hoppers and feeders. Circuit is normally closed (motor runs) when there is no feed present against the paddle. The circuit is open (motor stops) when feed is against the paddle. The single pole, double throw switch is rated at 20 amps or approximately 1 HP.



- #HS529 ..... Inside Mount Hopper Control Level  
 #EL1052M ..... Replacement Micro Switch  
 #HS529-7 ..... Replacement Blue Cloth Switch Cover

### ⚠ WARNING:

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## Proximity Drop Tube Control

An updated drop tube control featuring a proximity for increased reliability. Assembly includes a 16" long molded plastic housing with non-adjustable proxy switch. Complete with watertight control box and 36" pigtail cord. 110/220 volt, 20 amp, rated for 1-1/2 motor.



- #HS782 ..... Proximity Drop Tube Control

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## Max Run Timer

Help prevent a spill by controlling your maximum motor run times.

- #GE100-A1047 ..... AP Maximum run

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## HaloJrMax

The HaloJrMax accurately detects feed flow with infrared light beams to control new or existing feed systems. This compact model features Max Run and Delay Start Timers with the electronics sealed in a plastic enclosure.

### Specifications:

Universal Power Supply: 85-300 VAC  
Motor Contact: 20 Amp dry contact/1.5HP Max  
Alarm Contact: 1 Amp dry contact  
Dimensions: 9.7" H x 7.3" W x 6.7" D  
Inlet: 3.5" ID Outlet: 3.5" ID or 4" OD

#HALOJRMAX..... w/ Delay/Max Run  
#HALOJRMAXA..... w/ Delay/Max Run/Alarm



## SmartIR & IR Plus

The SmartIR Feed System Sensor utilizes infrared sensing technology to detect the level of feed and control all functions of a Flex-Flo feed delivery system. SmartIR requires no sensitivity adjustment and is not affected by changes in temperature, humidity or feed type. This sensor adapts to most new and existing flexible auger feed systems.

#GFLX-4951..... SmartIR feed sensor, 230V  
#HSAP-4738..... Clear Cover for SmartIR  
#GFLX-5262..... IR Plus Feed Sensor



## AP SMARTflex

SMARTflex Flex-flo Control Unit from AP incorporates all of the timers, switches and sensors required to efficiently and effectively operate your feed delivery system in one compact pre-wired unit. A Retrofit Kit is available to update your existing AP Flex-Flo or other flexible auger feed delivery system to a SMARTflex.

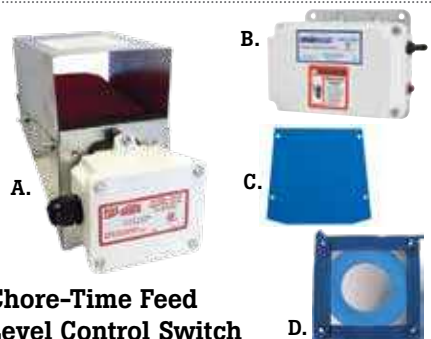
#GAP-2984..... Sensor for SMARTflex  
#GFLX-4799..... SmartFlex top board  
#GFLX-4801..... SmartFlex bottom board



## Hired Hand Hopper Switch

No longer do you have to contend with mechanical switches. SENS-O-MATIC, Hired-Hand's Electronic Feed Hopper Switch, eliminates the problems that have always been associated with hopper switches. No more replacing mechanical switches. No more adjusting hopper switches. No more dry hoppers!

#H6606-0110..... 120V hopper switch  
#H6606-0114..... 240V hopper switch



## Chore-Time Feed Level Control Switch

A) #C14550..... Chore-Time Level Control  
B) #HS589CR..... Replaces Chore-Time #8789  
C) #HS529-7..... Replacement Diaphragm only  
D) #HS582..... Replacement Diaphragm Assembly

### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## Harkins Hopper Switch

Simple, effective hanging switch to control feed levels in feedline hoppers.

#52201..... Harkins Hopper Switch  
#52203..... Replacement rubber boot for EL0098  
#PL200..... Replacement plastic box w/lid  
#EL0998..... 15 Amp Micro Switch

### WARNING:

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## Drop Tube Switch

#GAP-0990..... 110V or 220V  
#GFLX-3489..... Micro switch assy. (red plastic)



## Flat Proxy

Replacement sensor for G-Logic Control Pan.

- 20-240V
- Normally Closed
- 30-sec delay
- Fixed sensitivity

#EL1230..... Flat Proxy



## 30mm Proxy

Replacement for chain disk feed systems and Turkey Control Pan.

- 20-250 VAC/ DC
- No time delay
- Switchable between Normally Open (NO) to Normally Closed (NC)
- 6' cord

#HS11..... Blue Proxy



## Proximity Sensor Mounting Kit

Constructed of of corrosive resistant plastic, this component kit securely mounts proximity switches to plastic tubes and hoppers. Does not include mounting screws or proximity switch.

#HS10-2..... Proximity Sensor Mounting Kit



## Proxy Plus

- Isolated wiring provides superior circuit protection
- Can be used with any voltage
- The best replacement proximity switch on the market!
- Push-button control eliminates screw drivers!

#HS10..... Proxy Plus



## Proxy Classic

- Replaces Chore-Time® OEM Part #34255.

#HS09..... Proxy Classic



# FEED BINS

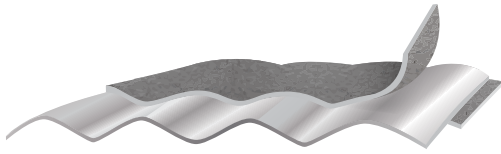
## Bulk Feed Solutions

Capacity based on 40 lbs./Cubic Feet (641 Kg./Cubic Meter)

- The heaviest grade of feed bins available on the market today. Longer lasting feed bins built with 5-10% more steel, by weight, than competitive brands. Built entirely of high tensile Structural Steel Grade 55 with a G100 galvanized finish. G100 bins have a galvanized coating that is 10% thicker than competitor brands, resulting in a longer lifespan.
- Manufactured in-house for complete control of raw material purchasing and manufacturing operations. State-of-the-art rolling, stamping and finishing operations ensure precise fit and finish of feed bin components. Available in 6', 7', 9' and 12' diameter sizes.
- In many locations, a local store offers assembly and delivery to your farm or building project.

Item#	Rings	Tons	Metric Tons	Cubic Feet	Cubic Meters	Bushels	Fill Height (Ft./In.)	Fill Height (Meters)	Ladder Kit	Ladder/ Safety Cage Kit
<b>6-FOOT BIN</b>										
GST-616016K	1	3	2.7	150	4.2	120	11'6"	3.5	GST-LD616040	GST-LDSC616040
GST-626016K	2	4.5	4.1	225	6.4	180	14'2"	4.3	GST-LD626040	GST-LDSC626040
GST-636016K	3	6	5.4	300	8.5	240	16'10"	5.1	GST-LD636040	GST-LDSC636040
GST-646016K	4	7.5	6.8	375	10.6	300	19'6"	5.9	GST-LD646040	GST-LDSC646040
<b>7-FOOT BIN</b>										
GST-716716K	1	4.9	4.4	245	6.9	196	14'9"	4.5	GST-LD716740	GST-LDSC716740
GST-726716K	2	6.9	6.3	345	9.8	276	17'5"	5.3	GST-LD726740	GST-LDSC726740
GST-736716K	3	9	8.2	450	12.7	360	20'1"	6.1	GST-LD736740	GST-LDSC736740
GST-746716K	4	11	10	550	15.6	440	22'9"	6.9	GST-LD746740	GST-LDSC746740
GST-756716K	5	13	11.8	650	18.4	520	25'5"	7.7	GST-LD756740	GST-LDSC756740
GST-766716K	6	15	13.6	750	21.2	600	28'1"	8.3	GST-LD766740	GST-LDSC766740
<b>9-FOOT BIN</b>										
GST-916016K	1	8.5	7.7	425	12	340	15'7"	4.7	GST-LD916040	GST-LDSC916040
GST-926016K	2	12	10.9	600	17	480	18'3"	5.6	GST-LD926040	GST-LDSC926040
GST-936016K	3	15	13.6	750	21.2	600	20'11"	6.4	GST-LD936040	GST-LDSC936040
GST-946016K	4	18.5	16.8	925	26.2	740	23'7"	7.2	GST-LD946040	GST-LDSC946040
GST-956016K	5	22	20	1100	31.1	880	26'3"	8	GST-LD956040	GST-LDSC956040
GST-966016K	6	25.5	23.1	1278	36.2	1020	28'11"	8.8	GST-LD966040	GST-LDSC966040
GST-967016K	7	29	26.3	1450	41	1160	31'6"	9.6	GST-LD976040	GST-LDSC976040
<b>12-FOOT BIN</b>										
GST-1216016K	1	17.5	15.9	875	24.8	700	19'5"	5.9	GST-LD121040	GST-LDSC121040
GST-1226016K	2	23.5	21.3	1175	33.3	940	22'1"	6.7	GST-LD122040	GST-LDSC122040
GST-1236016K	3	29.5	26.8	1475	41.8	1180	24'9"	7.5	GST-LD123040	GST-LDSC123040
GST-1246016K	4	35.5	32.2	1775	50.3	1420	27'5"	8.4	GST-LD124040	GST-LDSC124040
GST-1256016K	5	41.5	37.6	2075	58.8	1660	30'1"	9.2	-	GST-LDSC125040
GST-1266016K	6	47.5	43.1	2375	67.3	1900	32'9"	10	-	GST-LDSC126040

# HOG SLAT® Feed Bins



## G100 Galvanized Coating

Built entirely of high tensile Structural Steel Grade 55 with a G100 galvanized finish.



## Poly Feed Bin Lid

Durable lid constructed of high-density polyethylene. Unique stainless steel locking spring holds the lid in place preventing rain and snow from entering. The lid opens on a stainless steel pivot rod and slides down the side of the bin protecting it from fill auger damage.



## Weather Edge™

Improved Weather Edge™ design, with its extended 1-1/4" leg directs water away from the bin's hopper and boot.



## Bottom Cone Sheets

Thicker and stronger bottom cone sheets resist dents and dings from mallets and hammers.



## Strong Base

10 & 12 gauge roll-formed legs provide a strong base.



## 40 Degree Roof

Laser cut roof sheets are rolled for precise fit. 40 Degree angle slope allows for maximum filling capacity.



## Precision Stamped Ladder

Precision stamped ladder assembly with adjustable standard brackets. Rounded trapezoid ladder rung provides secure footing with a larger surface area. Design exceeds OSHA standards.



## Stamped 16" Bin Collar

Reduces variation in dimensions compared to rolled or spun collars. Constructed of 10 gauge metal, as much as 4 gauges heavier than competitive brands.





## Poly Feed Bin Lid

Made from High-Density Polyethylene with excellent UV protection. Dome shape lid sheds moisture.

#GST-LD3035 ..... Fits 22" peak ring for HSI, Chore-Time and Valco bins  
 #GST-LD3035-20 ..... Fits 20" peak ring for AP and Cumberland bins



Sliding design eliminates the accumulation of snow and rain when lid is open and prevents damage from feed truck augers.



Pivots on stainless steel rod with powerful spring to hold the lid shut in gusty weather. Safety mechanism locks in place for servicing. Locking tab will automatically disengage when the lid is actuated from the ground.

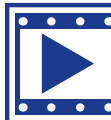


Installs on existing bins with a single bolt ring. Roller wheel slides lid down the roofline. Complete with ground control cable.

## EZ Slide Opener

For Feed Bin Transfer Plates

Don't hit your head on feed bin braces or worry about stubborn transfer plate slides again!



**See It In Action!**  
 YouTube:  
**EZ Slide Feed Bin  
 Transfer Plate Opener**

#8130701100 ..... EZ Slide Opener



## Feed Bin Hopper Valve

Gate valve mounts to feed bin hopper cones providing access to bin contents without running an auger. Great for filling buckets or carts! Convenient hooks at the end of the slide to hang bucket on. Includes mounting hardware and template for cutting bin.

#GST-AC3001 ..... Feed Bin Hopper Valve





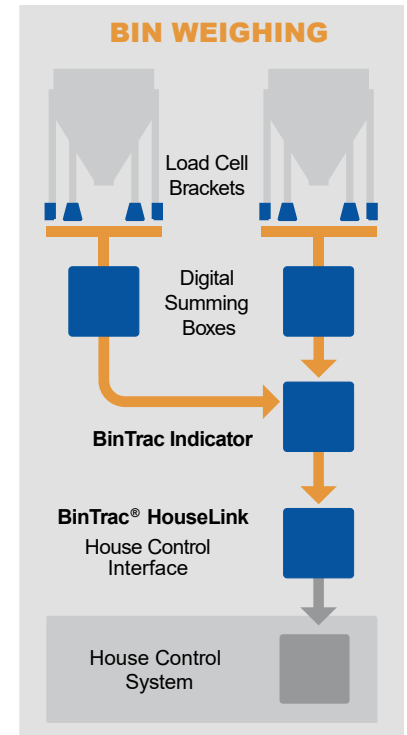
# BINTRAC®

## Bin Weighing System

From a single bin to a multi-site system with remote monitoring, BinTrac can be configured to meet your needs now and in the future.

### BinTrac Features:

- ▶ Easy installation on existing and loaded bins using patented load cell bracket assembly
- ▶ Real-time bin inventory by weight
- ▶ 24-hour feed use for each of the past 4 days
- ▶ Feed delivery validation
- ▶ One-year warranty covers lightning damage to load cells – 2-year extended warranty available
- ▶ Requires no calibration



### Load Cell Assembly & Mounting Bracket

- For "W" style legs
- Easily installs on existing & loaded bins
- The bracket is the lifting mechanism
- Requires less than 1/2" bin lift
- Simplifies equal loading
- No shimming or blocking
- Field calibration is not required
- Temperature compensated load cell



Item#	Description
MLB-200000	10K Load
MLB-300000	15K Load

### Replacement Load Cell



Item#	Description
ASY-000127	5K Load Cell
ASY-000129	10k Load Cell
ASY-000159	15k Load Cell

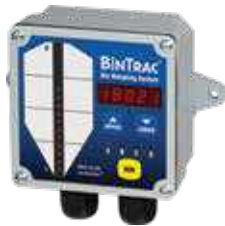
### Load Cell Tester



Item#	Description
LCT001A	Load Cell Tester

### BinTrac Indicator

Indicator connects up to 4 bins and can be located up to 250 feet from bins.



Item#	Description
MCA-000001	w/standard pro software

### BinTrac Indicator, Large Screen

Indicator connects up to 4 bins and can be located up to 250 feet from bins. Features large 0.56 inch digits for ease of viewing. New 6 digit display for bin applications exceeding 99,999 lbs.



Item#	Description
MCA-000301	Large Screen

### BinTrac Breeder Control

With user programmable batching weight and scheduled batching.



Item#	Description
MCA-000201	w/ standard software

### Digital Summing Box

Converts analog signal to digital for measuring and averaging load cell output.



Item#	Description
MSA-004000	4 load cell
MSA-006000	6 load cell
MSA-008000	8 load cell

### PS17 Power Supply



Item#	Description
ASY-000237	1115/230VAC to 12.6 VDC

### Interface Cable

Item#	Description
CAB-000009	Interface Cable, 22AWG 4 Conductor Shielded/ft.
DS22204	Sensor wire 22/4 Shielded/ft.
DS21804-1000	Sensor wire 18/4 1000 ft. roll (for runs over 250')





## Feed Level Indicator

Eliminate dangerous climbing up slippery, icy ladders to check feed levels in any weather. Installing Bin Flag indicators will let you know the levels in your bins at a glance from over 200 feet away. You can even set up your existing ALARM SYSTEM to notify you on your phone when low feed levels occur.

- Install the Magnetic Sensor on Bin Flag
- Connect to alarm system with inexpensive telephone wiring. NO NEED TO RUN A 120 VOLT LINE TO THE BIN.
- Alarm dialer alerts you by phone when feed level drops below a critical level. You can even program the dialer to tell you which bin is low.

#HDL540..... Bin Flag Feed Level Indicator

#HDL59065-952.....Magnetic Sensor for Bin Flag



## Transfer plate T-Handle

Bolts to unload slide plate to assist in opening and closing. Slots placed every 1-1/2" hold slide in place at the desired amount of opening. 13-1/4 inches long.

#HS1113 .....T-Handle

## Bin Anchors

5/8" diameter center pin anchor bolts used to secure feed bins to concrete pads. Each anchor bolt includes a serrated, flanged nut and will not require a washer.

**Do not use 4" anchor bolt on concrete pads known or expected to be less than 6" in depth. Do not install new feed bins on concrete pads that are known or suspected to be less than 6" deep.**

#60705..... 5/8" x 4" use on pads 6" thick

#607051..... 5/8" x 6" use on pads 8" thick



## Feed Bin Chain

- Size #8
- 75 pound max load

#HSBINCHN.....Sold per ft.

**WARNING:**  
This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

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#59900

#95083



## Rubber Mallets

#59900..... 16 oz

#M52651..... 32 oz

#95083..... 16oz W/Fiberglass Handle



## Poly Feed Bin Lid

#GBLK-13080.....30 Degree Peak Ring & Hardware

#GBLK-13101.....40 Degree Peak Ring & Hardware

#GBLK-13102.....BFT Without Peak Ring Retro for GSI Bins

#GBLK-13216.....for Brock, Roxell, & Chore-Time without Peak Ring for Retro

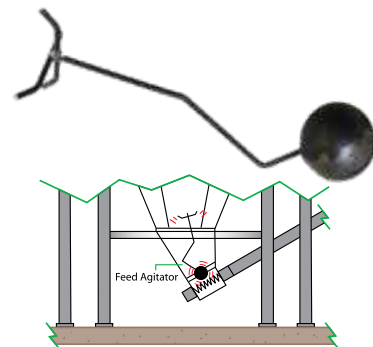


## Bin Agitator

- Reduces bin bridging by redirecting feed flow away from the cone center.
- Reduces feed particle separation and promotes even material feed out.
- Heavy polyethylene agitator cone installs on the bottom collar of new or existing bins.

#FF1000.....Feedfas Bin Agitator

**WARNING:**  
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## JitterBall Anti-Bridge Agitator

- Uses the motion of the auger to agitate the feed.
- Designed to reduce feed bridging and sticking to the sides of the bin.
- Helps feed flow freely and reduces separation.
- Simple installation: slides in through the service plate.
- Stays upright and in one place.

#8070840000..... JitterBall feed bin agitator

**WARNING:**  
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# HOG SLAT® Bin Stik

The lightweight aluminum telescoping pole and HDPE ball tip allows you to tap and rub the side of each feed bin from the ground to monitor feed content levels. The distinct noise difference between dead air space in the empty part of a bin, and the part of the bin with feed remaining inside quickly reveals internal bin content levels.



## Bin Stik

Rugged, heavyweight model for the most demanding use.

Extended Length: 11' 10"

Storage Length: 6' 6"

Dia: 1-1/4"

Weight: 2.5 lbs.

#HS792.....Hog Slat Bin Stik

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Bin Stik Jr.

Lighter weight. Longer Reach. Stores easily behind a pickup seat!

Extended Length: 15' 1"

Storage Length: 3' 8"

Dia: 7/8"

Weight: 1.4 lbs.

#HS818.....Hog Slat Bin Stik Jr.

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## Bin Stik Pole Holder

Easy to use snap lock Bin Stik pole holder can be mounted to feed truck trailers, feed bin legs, barn walls or any other location that secure, easy to access storage for your Bin Stik is needed. Use with Bin Stik only, will not hold Bin Stik Jr.

#HS816.....Hog Slat Bin Stik Pole Holder



Hog Slat



New Products

DIY videos

Construction projects



# 4" and 6" Rigid Auger Systems

## How to order...

### 1) Boots

For 16" bin opening

#HS524	.....30° Clear
#HS525	.....Straight Clear
#HS793	.....30° Black
#HS793T	.....30° Translucent
#HS794	.....Straight Black
#HS794T	.....Straight Translucent

### Replacement V-Belts

#HSA38	.....4-inch, 1/2"x 40"
#GK1308	.....6-inch, 5/8"x 46"

### 2) 15° Wedge Adapter

Add to change auger angle to 45° if desired

#HS441	.....Wedge Adapter 15°
--------	------------------------

#### ⚠ WARNING:

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### 3) Rigid Auger Unloader

With stub shaft & bearing

#HS445KIT	.....4-inch
#HS444KIT	.....6-inch
#HS445	.....4-inch unloader only
#HS444	.....6-inch unloader only

#### ⚠ WARNING:

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### 6) Motor

Size motor for total auger length

4-inch	
#GMF12E1	.....15' Max Length, 1/2 Hp, 5/8" shaft
#5330014	.....20' Max Length, 3/4 Hp, 5/8" shaft
#5330021	.....27' Max Length, 1 Hp, 5/8" shaft
6-inch	
#5330014	.....11' Max Length, 3/4 Hp, 5/8" shaft
#5330021	.....16' Max Length, 1 Hp, 5/8" shaft
#N9034	.....18' Max Length, 1-1/2 Hp, 5/8" shaft
#N9032	.....21' Max Length, 2 Hp, 7/8" shaft
#N9031	.....27' Max Length, 3 Hp, 1-1/8" shaft

#### ⚠ WARNING:

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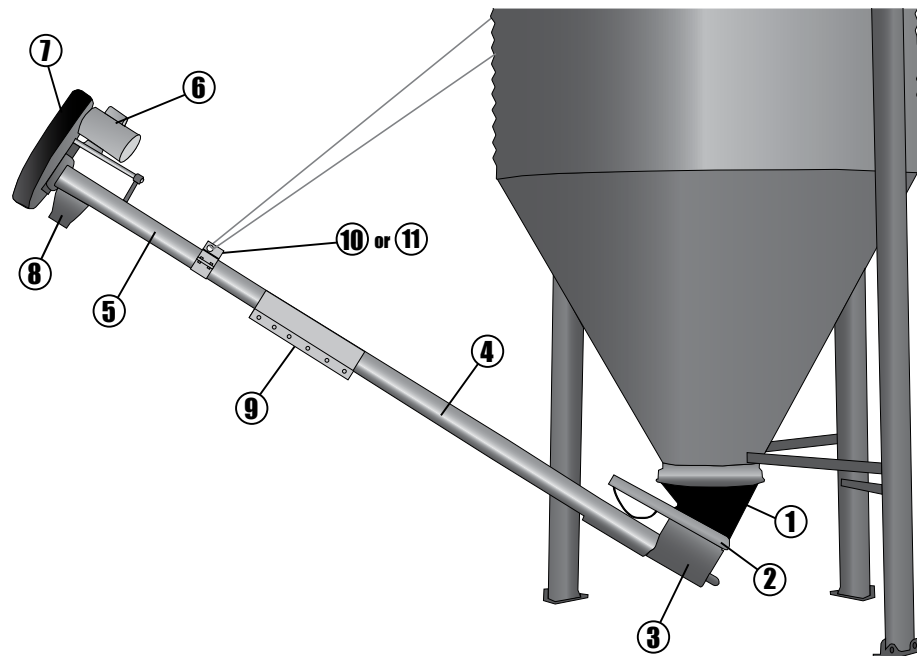
### 9) Connecting Band

(connect auger tube)

#GGK3826	.....4" Auger
#GGK3827	.....6" Auger

#### ⚠ WARNING:

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### 4) Auger

Choose length and diameter (includes tube, auger, auger pulley, V-belt, connectors and hardware)

4-inch	
#GGBF41100	.....4" x 11'
#GGBF41500	.....4" x 15'
#GGBF42000	.....4" x 20'
6-inch	
#GGBF6111A	.....6" x 11'
#GGBF6161A	.....6" x 16'
#GGBF6211A	.....6" x 21'

#### ⚠ WARNING:

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### 5) Auger Extensions

4-inch	
#GCE45000	.....4" x 5' extension
#GCE41000	.....4" x 10' extension
#GCE42000	.....4" x 20' extension
6-inch	
#GCE65001	.....6" x 5' extension
#GCE61001	.....6" x 10' extension
#GCE61501	.....6" x 15' extension
#GCE62001	.....6" x 21' extension

#### ⚠ WARNING:

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### 7) Pulley for Motor

4-inch	
#PAK2558	.....5/8" bore x 2.5" OD Pulley
#PAK3058	.....5/8" bore x 3.0" OD Pulley
6-inch	
#PBK2578	.....7/8" bore x 2.5" OD Pulley
#PBK2878	.....7/8" bore x 2.8" OD Pulley
#PBK36-118	.....1-1/8" bore x 3.5" OD Pulley
#PBK3058	.....5/8" bore x 3.0" OD Pulley
#GC2000249	.....1-1/8" bore x (2.6" A to 3.0" B) OD Double Groove Pulley

#### ⚠ WARNING:

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### 8) Discharge Spout

4-inch	
#GGK2574	.....90° spout only
#GGK1381	.....90° spout w/ 2' flex tube
#GGK2578	.....45° spout
6-inch	
#GGK3381	.....90° spout only
#GGK3407	.....90° spout w/ 3' flex tube
#GGK7181	.....45° spout

#### ⚠ WARNING:

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### 10) Support Clamps

Does not include cables or chain.

#HS885	.....4" Tube Clamp Band
#GGK2834	.....6" Tube Support Truss

#### ⚠ WARNING:

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### 11) Rigid Supports

Includes lower half band clamp & hardware (not shown).

#GGK1459	.....4" Auger
#GGK4540	.....6" Auger

#### ⚠ WARNING:

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# Highcroft Co. Feed Carts

Heavy poly construction pneumatic wheels with semi-pneumatic casters



#06-1023

#06-1018

## Model 610

• 39-1/4" L x 18-1/4" W x 35" H (6 cu. ft.)

#109022.....240 lb. feed cart

## Model 610 Replacement Wheels

#06-1018.....Semi-Pneumatic fixed

#06-1023.....Semi-Pneumatic 8" caster

### WARNING:

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#RWDCC3WHSCS

#RWDCC4WP

## Model 800

• 44-1/4" L x 20-1/4" W x 37" H (8 cu. ft.)

#10902.....320 lb. feed cart

## Model 800 Replacement Wheels

#RWDCC4WP.....4" pneumatic fixed

#RWDCC3WHSCS.....Pneumatic swivel

### WARNING:

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#08-1009

#09-1018

## Model 9-50FF

• 53-1/2" L x 19-1/2" W x 34-1/2" H (9 cu. ft.)

• Large flat floor area to hold pigs or approx. 360 lbs.

#10903.....360 lb. feed cart

## Model 9-50FF Replacement Wheels

#09-1018.....Semi-Pneumatic fixed

#08-1009.....Semi-Pneumatic swivel

### WARNING:

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## Poly-Tuf® Feed Cart

• Polyethylene Tub

• 11 bushel or 600 lbs.

• 44" L x 27" W x 35" H

• 8 x 2.5" semi-pneumatic tires

#RMP11-4W.....Poly-Tuf® Feed Cart

### WARNING:

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## AP Chore Cart

• Durable plastic cart with sturdy metal frame

• 4-1/2 bushel capacity or 180 lbs.

• 18-1/2" W x 37" L

#GAP-CC5.....Chore cart w/deluxe wheels

#HSAP-CC56C.....6" Caster w/ 5" poly wheel

#HS813-20.....Chore cart 10" wheel

### WARNING:

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## Feed Scoops

#9203.....3 qt. galvanized, L 7" x W 7" x H 8-3/4"

#9204.....4 qt. galvanized, L 7" x W 7" x H 11-3/4"

#9206.....6 qt. galvanized, L 7" x W 7" x H 12-3/4"

#150415.....4 qt. plastic

### WARNING:

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Check us out  
on Facebook and  
"Like" us!

<https://www.facebook.com/HogSlatInc>







## Utility Cart

This narrow-profile cart maneuvers through alleys and around tight corners. Great for various chores, including hauling feed, moving pigs, or packing tools for a repair job.



- Plastic corrosion resistance tub
- Heavy galvanized frame
- Top slot with stop permits adding a plywood platform
- Capacity - 4-1/2 bushels or 180 pounds
- 18" wide x 37" long x 35" high

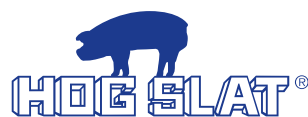
Add a DIY wooden platform (not included) to the top. The center tab prevents the platform from sliding in the slot.



#HS813	Utility cart
#HS813-1	Plastic tub
#HS813-2	Frame
#HS813-20	10" wheel semi-pneumatic
#HSAP-CC56C	6" castor wheel
#HS813-5	Axle

**⚠ WARNING:**

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## Chore Cart Heavy Duty

The CHORE CART HD is built to last! All of the features that are important to the producer are addressed in the no-nonsense design.

This Extra Thick, Durable plastic tub has a huge capacity! The smooth texture and rounded design make it easy to scoop feed, easy to wash out and sanitize, and provide longevity beyond compare! It's also balanced to ride level when you grab it by the handles and balanced to take the load off your arms by putting it on the wheels.

- Durability
- Maneuverability
- Cleanability
- Capacity (Holds 6 Bushels or 240 lbs!)
- Function and Value!

#8320301100	Chore Cart HD
#8321000000	16" Wheel (blue and green cart)
#8321300000	Blue Tub (blue and green cart)
#8320300100	Frame for Cart (blue and green cart)
#8331910000	4" Swivel Wheel (blue cart only)
#59514	6" Small Wheel (green cart only)

**⚠ WARNING:**

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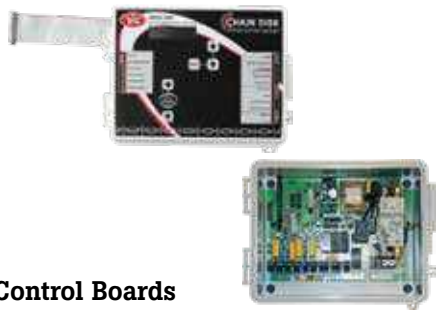


# AP Chain Disk



## Chain Disk Controls

- #GAPCD-500 ..... Control w/ current sensor, 24 hr time clock, actuator outputs
- #GAPCD-500-S ..... Slave unit works w/ GAPCD-500 to control multiple systems
- #GAPCD-600 ..... Control w/ Current Sensor



## Control Boards

- #GAPCD-500B ..... Bottom board for GAPCD-500
- #GAPCD-500B-S ..... Bottom board for GAPCD-500-S
- #GAPCD-600B ..... Bottom board for GAPCD-600
- #GAPCD-500T ..... Top board for GAPCD-500
- #GAPCD-500T-S ..... Top board for GAPCD-500-S
- #GAPCD-600T ..... Top board for GAPCD-600



## Relay

- for GAPCD-500 & GAPCD-600
- #EL1153 ..... Relay, DP, 240V, 30A



## GrowerSELECT Proxy Switch Kit

Includes HS11 proxy switch, clear tube and mounting hardware.

- #HSCD-900 ..... Proxy Switch Kit

### ⚠ WARNING:

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## Kwik Attach Drop Kit

- #GAPCD-109 ..... Kwik Attach Drop Kit



## GrowerSELECT

### 44mm Grow-Disk™ Chain

- #HSCD600 ... GrowerSELECT chain disk 160'/bag
- #HSCD600-C ..... GrowerSELECT Chain Coupler

### ⚠ WARNING:

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## Proximity Sensor

Replacement proximity sensor for chain disk feed systems. Replacement part for AP® part number FLX-4256

- Normally Open (N.O) 2-Wire AC/DC
- 20V-250V AC/DC
- 6.5' cable
- 15mm Dia.
- 3mm- 15mm sensing range

- #EL1222 ..... Proximity Sensor



## PVC Plastic Tube & Coupler

- #HSAT60C-S ..... 2.36" OD GrowerSELECT® Clear PVC tubing, 10'
- #GAPCD-112 ..... 2.36" OD White PVC tubing, 10'
- #GAPCD-105 ..... Clear PVC coupler
- #GAPCD-113 ..... White PVC coupler

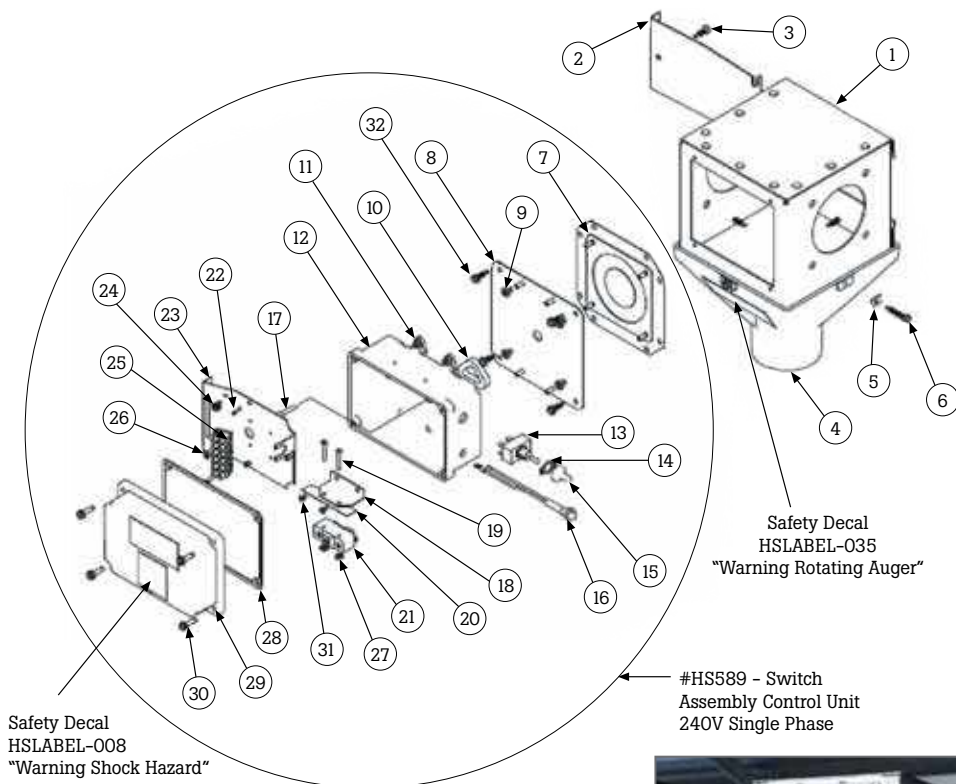


## Power Units

- #HSCD-307 ..... Drive Unit Replacement with Spocket
- #HS9032A ..... GrowerSELECT® Replacement Motor, 1.5 Hp, 60HZ, 208-230V
- #HSCD995 ..... Replacement Gearbox w/ Adapter and Shaft for units April 2001 to May 2010
- #GAPCD770S ..... Replacement Gearbox only for units from May 2010 to current

### ⚠ WARNING:

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Safety Decal  
HSLABEL-008  
"Warning Shock Hazard"

## GrowerSELECT Control unit

230 volt unit for all models. Includes drop cone.

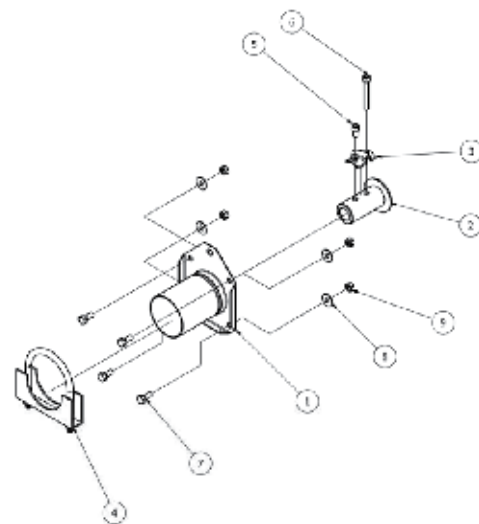
- #HS593 ..... Control Unit w/ No Relay  
#HS693 ..... Control Unit w/ Relay for Proximity Switches

### WARNING:

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## Replacement Parts

- |                       |  |
|-----------------------|--|
| 1) #HS590-1 .....     | Assembly Hopper                                |
| 2) #HS590-11 .....    | Access Gate                                    |
| 3) #9705090500 .....  | #10-16 x 3/4" Hex Self Drilling Screw          |
| 4) #HS591 .....       | Drop Cone - Clarified Plastic                  |
| 5) #HS590-12 .....    | Control Unit Clamp                             |
| 6) #60927 .....       | #10-16 x 1" Hex Washer Self Drilling Screw     |
| 7) #HS582 .....       | Diaphragm Assembly                             |
| 8) #HS589-8 .....     | Switch Assembly Mount Plate                    |
| 9) #6068014 .....     | #10-32 Hex Machine Nut                         |
| 10) #HS529-45 .....   | Plunger Seal                                   |
| 11) #1121010500 ..... | #10-32 Nylon Lock Nut                          |
| 12) #HS589-1 .....    | Switch Assembly Enclosure                      |
| 13) #E11011 .....     | Toggle Switch, Dpst, 20A @ 250V, 2 Hp          |
| 14) #EL1082 .....     | Legend Plate, On/Off                           |
| 15) #E11083 .....     | Toggle Switch Boot Cover                       |
| 17) #HS589-6 .....    | Switch Actuator Pin                            |
| 16) #E11079 .....     | Indicator Lamp, Red, 250V                      |
| 18) #HS589-5 .....    | Switch Mount Bracket                           |
| 19) #60913 .....      | #6-32 x 1", Phillips Pan Head Machine Screw    |
| 20) #HS529-50 .....   | Insulating Film                                |
| 21) #EL1052M .....    | Snap Action 20A @ 250V                         |
| 22) #609160 .....     | #6-20 x 3/8" Tapping Screw Type Bt             |
| 23) #HS589-4 .....    | Switch Assembly Component Mount Plate          |
| 24) #30-3194 .....    | #10 x 3/8" Thread Forming - Grounding Screw    |
| 25) #E11072 .....     | 6 Position 18-10 Awg Terminal Strip            |
| 26) #60921 .....      | #6-32 x 1" Phillips Pan Head Tapping Screw     |
| 27) #60912 .....      | #6-32 Hex Machine Nut                          |
| 28) #HS589-3 .....    | Gasket   |
| 29) #HS589-2 .....    | Switch Housing Cover                           |
| 30) #60932 .....      | Shoulder Screw #10-16 x 1.375" Hex Washer Head |
| 31) #60914 .....      | #6-32 x 1/4" Screw                             |
| 32) #9705090500 ..... | #10-16 x 3/4" Hex Washer Self Drilling Screw   |



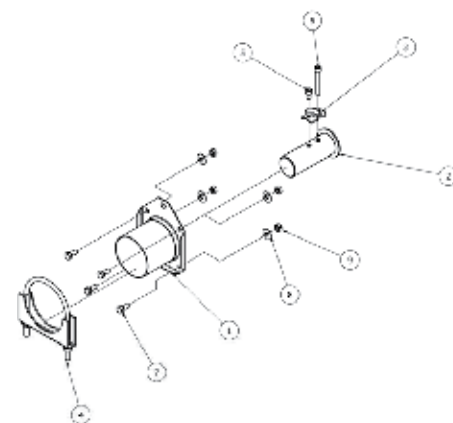
## GrowerSELECT

### HS531 Direct Drive Kit M75

- |                     |                            |
|---------------------|----------------------------|
| 1) #HS531-2 .....   | Weldment Adapter           |
| 2) #HS531-5 .....   | Weldment Coupling          |
| 3) #HS531-8 .....   | Clamp Auger                |
| 4) #CLAMP325 .....  | Clamp U-Bolt 3.125" ZP     |
| 5) #91251A578 ..... | SHC Screw 5/16-18 x 1/2"   |
| 6) #91251A592 ..... | SHC Screw 5/16-18 x 2 1/4" |
| 7) #60508 .....     | Bolt Hex 5/16-18 3/4" ZN   |
| 8) #605800 .....    | Washer, 5/16" ZP STL       |
| 9) #60571 .....     | Nut Hex 5/16-18 ZP STL     |

### WARNING:

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## GrowerSELECT

### HS537 Direct Drive Kit M90

- |                     |                            |
|---------------------|----------------------------|
| 1) #HS537-2 .....   | Weldment Adapter M90       |
| 2) #HS537-5 .....   | Weldment Coupling          |
| 3) #HS531-8 .....   | Clamp Auger                |
| 4) #CLAMP400 .....  | Clamp U-Bolt 4IN           |
| 5) #91251A578 ..... | SHC Screw 5/16-18 x 1/2"   |
| 6) #91251A592 ..... | SHC Screw 5/16-18 x 2-1/4" |
| 7) #60508 .....     | Bolt Hex 5/16-18 3/4" ZN   |
| 8) #605800 .....    | Washer, 5/16" ZP STL       |
| 9) #60571 .....     | Nut Hex 5/16-18 ZP STL     |

### WARNING:

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# Roxell Replacement Parts



## Roxell Feed Line Motors

Item#	OEM#	Description
HS9025A	10105716, 10109148	1/2 Hp Feed Line
HS9026A	10203693, 13107081	3/4 Hp Fill System or Feed Line
HS9027A	13106810	1 Hp Fill System

Item#	OEM#	Description	Remaining Stock
AGL00102020	00102020	1/2 Hp Feed Line Power Unit 365 RPM	4

**WARNING:** This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## Hopper Switch

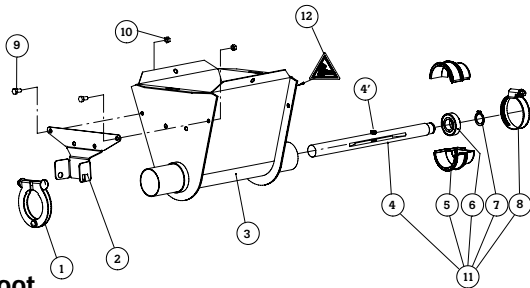
#AGL03102314..... Hopper switch

**WARNING:** This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## Level Switch Safety Assembly

#AGL13104567..... Level switch  
#AGL05100532..... Feed Switch Kit, Yellow  
#V7-1V19E9..... Switch Micro 2 Hp for Paddle Switch



## Feed Intake Boot AGL00103028

- 1) #HSH024..... Tube Clamp Ass'y Dia.
- 2) #AGL10107597..... Reinforcement Hook
- 3) #HS849..... Boot Body Weldment
- 4) #AGL10107639..... Shaft F Weldment Dia 19. (+4')
- 4) #AGL20100442..... Set Screw M8x16
- 5) AGL10107522..... (Discontinued) Bearing Holder Half
- 6) #BRB6003-2RS..... Bearing 17x35x10 - 60
- 7) #AGL20101333..... Seeger Ring 17x1 Din
- 8) #AGL10107605..... Hose Clamp 32-50 St. St.
- 9) #AGL20100111..... Bolt M5x10 Din 933
- 10) #AGL20100152..... Nut M5 - Din 934
- 11) #AGL10111441..... Anchor & Bearing Ass'y (New Style)
- 12) #AGL13106596..... Decal - Hands Warning

**WARNING:** This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## GrowerSELECT Tube Anchor Weldment

#HS685..... ELO Anchor Weldment



### WARNING:

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## Shield for Hopper Switch

#AGL10105641..... Black  
#AGL10106839..... Clear



## Anchor Bearing

#AGL10111441..... Anchor Bearing "New Style"

### WARNING:

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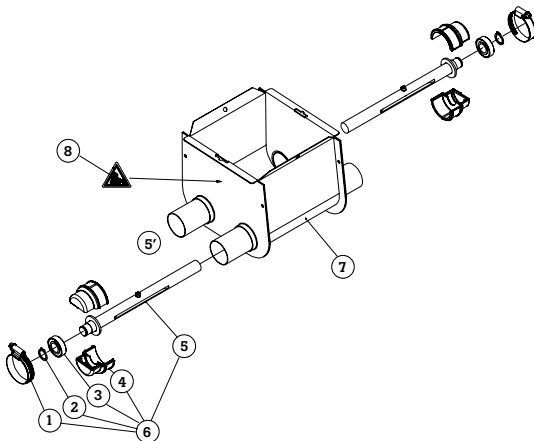
## Replacement Bearing

For Roxell M75 & M90 Anchor Bearing

#BRB6003-2RS..... Bearing Only Replacement

### WARNING:

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## Roxell Double Intake Feedline Boot AGL00102053C

- 1) #AGL00102921..... (Discontinued) Tube Clamp Ass'y Dia.
- 2) #AGL20101333..... Seeger Ring 17x1 Din
- 3) #BRB6003-2RS..... Bearing 17x35x10 - 60
- 4) #AGL10107522..... Bearing Holder Half
- 5) #AGL10107639..... Shaft F Weldment Dia 19. (+5')
- 6) #AGL10111441..... Anchor & Bearing Ass'y (New Style)
- 7) #AGL00106518..... Double Boot Weldment w/ Anchor Bearings
- 8) #AGL13106596..... Decal - Hands Warning

**WARNING:** This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

# Feed Line Tube



## Feed Line Tube

Constructed of G90, rolled-formed galvanized steel, the GrowerSELECT® feed line tube is a standard 1.75" diameter. The seam features additional crimps per inch for additional strength and a deep, 2" long swedged bell mouth.

#HSPFT175-209.....	Poultry feed tube 2 hole on 9'
#HSPFT175-309.....	Poultry feed tube 3 hole on 9'
#HSPFT175-409.....	Poultry feed tube 4 hole on 9'
#HSPFT175-609SR.....	Poultry feed tube 6 hole on 9' (4 feeder & 2 starter)
#HSPFT175-610SR.....	Poultry feed tube 6 hole on 10' (4 feeder & 2 starter)
#HSPFT175-809.....	Poultry feed tube 8 hole on 9'

#HSPFT175-210.....	Poultry feed tube 2 hole on 10'
#HSPFT175-310.....	Poultry feed tube 3 hole on 10'
#HSPFT175-410.....	Poultry feed tube 4 hole on 10'
#HSPFT175-610.....	Poultry feed tube 6 hole on 10'
#HSPFT175-810.....	Poultry feed tube 8 hole on 10'

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## Cumberland

Item#	Width	Holes
#G07097402	9 ft.	4-hole
#G07097403	9 ft.	8-hole
#G07097239	12 ft.	5-hole
#G07097261	12 ft.	10-hole
#G07097411	12 ft.	3-hole

## Valco

Item#	Width	Holes
#V450910	10 ft.	4-hole
#V460102	10 ft.	2-hole

## Big Dutchman

Item#	Width	Holes
#BD11-00-1921	9 ft.	4-hole
#BD11-00-1927	9 ft.	8-hole
#BD11-00-1938	9 ft.	2-hole
#BD11-00-1925	9 ft.	3-hole
#BD11-00-1911	10 ft.	4-hole
#BD11-00-1926	10 ft.	8-hole
#BD11-00-1914	10 ft.	2-hole
#BD11-00-1912	10 ft.	3-hole

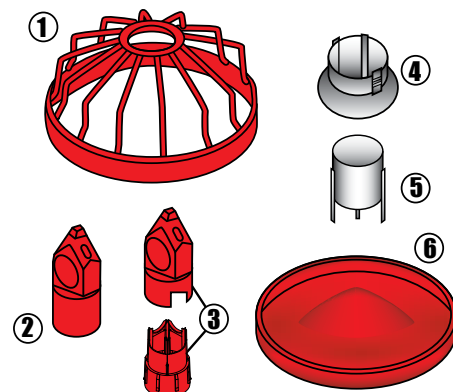
## Chore-Time/Roxell

Item#	Width	Holes
#RXA6854-4	10 ft.	4-hole

# Cumberland HI-LO Pan

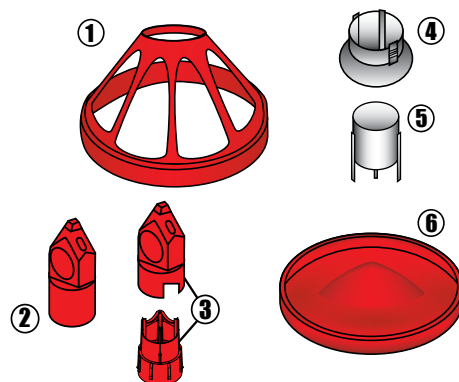
## Features Include:

- Collapsible bottom for easy chick entry to ensure great start.
- Unique center level section allows flood feed effect while eliminating overfilling and waste.
- Fits on most standard feed tube for easy retro fit or new house applications.
- Costs less than most alternatives.



## HI-LO Pan Feeder 14 Spoke (1 & 2 Piece Options)

- #G07098851..... Pan Complete, 1 Piece Drop Tube  
 #G07100960..... Pan Complete, 2 Piece Drop Tube  
 1) #G07098856..... Hi-Lo Grill /14 Spoke  
 2) #G07100782..... Hi-Lo Drop Tube, 1 piece  
 3) #GC2000215..... Hi-Lo Drop Tube Assembly 2 piece  
 4) #G07098854..... Hi-Lo Feed Level  
 5) #G07098855..... Hi-Lo Feed Level Stand  
 6) #G07098857..... Hi-Lo Pan



## HI-LO VIII Pan Feeder 8 Spoke (1 & 2 Piece Options)

- #G07101255..... Pan Complete, 1 Piece Drop Tube  
 #G07101450..... Pan Complete, 2 Piece Drop Tube  
 1) #G07101254..... Hi-Lo Grill /8 Spoke  
 2) #G07100782..... Hi-Lo Drop Tube, 1 Piece  
 3) #GC2000215..... Hi-Lo Drop Tube Assembly  
 4) #G07098854..... Hi-Lo Feed Level  
 5) #G07098855..... Hi-Lo Feed Level Stand  
 6) #G07098857..... Hi-Lo Pan

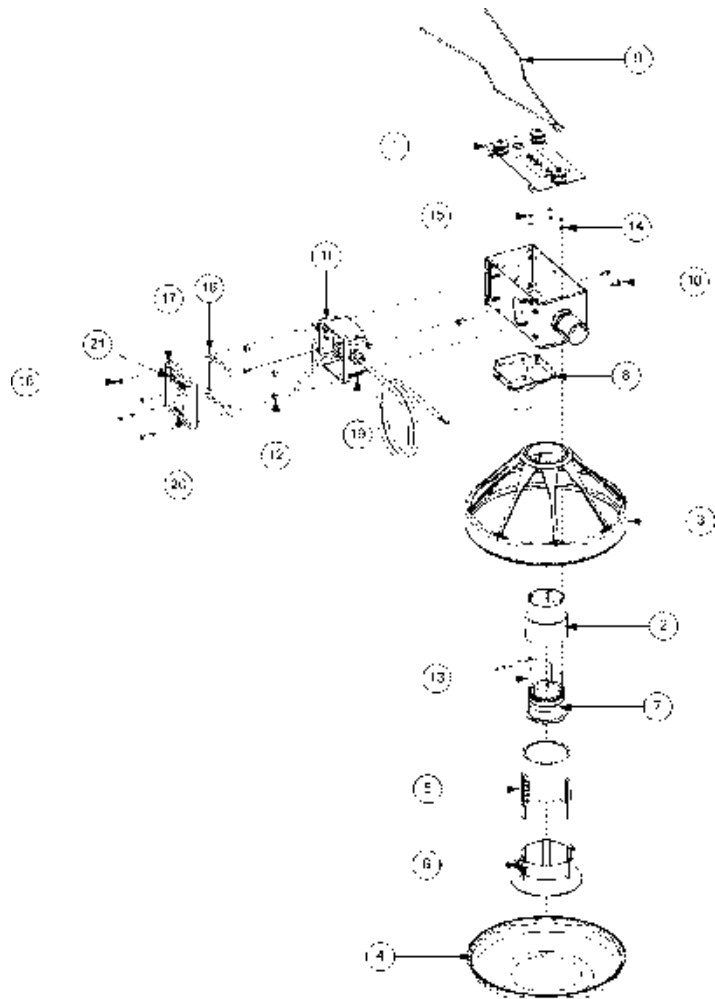


## Cumberland i-plus3 Control Pan

The i-plus3 Control Pan senses and detects the level of feed in the control pan for proper and reliable operation. Infrared technology requires no moving parts or sensitivity adjustments.

#GC2000532.....	Hi-Lo i-plus3 End Control Pan, 220V, 1phase
#GC2000560.....	Hi-Lo i-plus3 Center House Control Pan, 220V, 1phase

**WARNING:** This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

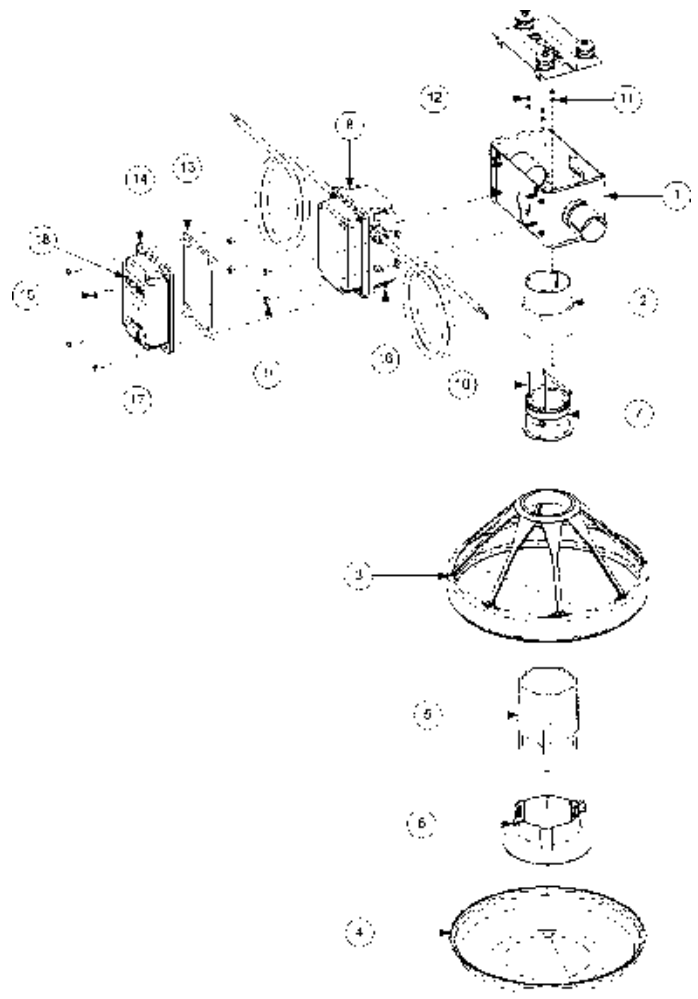


### #GC2000532 Hi-Lo i-Plus3 End Control Pan

Key	OEM#	Description
	GC2000532	Hi-Lo i-Plus3 End Control Pan (220V, 1 PH)
1	GC2000431	Housing Assembly, End Control (Prox, Plunger)
2	GC2000552	Control Pan Drop Tube
3	G7101254	Hi-Lo Grill (8 Spoke)
4	G7098857	Pan, Hi-Lo
5	G7098855	Hi-Lo Feed Level Stand
6	G7098854	Hi-Lo Feed Level
7	GC2000534	Sensor Assembly, i-Plus3
8	GC2000441	Overflow Bypass Funnel
9	G7097341	Grilled Feeder Control Unit
10	GS-280	Screw, SDS #10-16 x 5/8" HWH ZN
11	GC2000535	End Control Box, i-Plus3
12	GS-1102	Hex Nut 1/4"-20 ZN Grade 2
13	GS-10209	Threaded Stud, 8"-32 x 2", Zinc Plated
14	GS-6551	Split Lock Washer #8 Med ZN
15	GS-6525	Hex Nut #8-32 ZN Grade 2
16	GFLX-2690	Gasket, 4" x 4" x 3/16" PVC Lid
17	GFLX-2689	Electrical Box Lid
18	GS-7377	Screw, MS #10-24 x 1" RHP ZN Grade
19	GS-849	Hex Nut #10-24 Grade 2
20	GDC-851	Decal, CE Electrical Hazard
21	GDC-889	Decal, Danger High Voltage
N/S	G7098556	Shroud, for 16" Motor Cord
N/S	G7098247	Drive Mount Hardware Package
N/S	GPNEG-1864	Instruction, Wiring Diagram, IR Sensor
N/S	GBX-116	Box, 14-1/4" X 14-1/4" x 11-7/8" 200 C, RSC for Pan Control Unit

#### **WARNING:**

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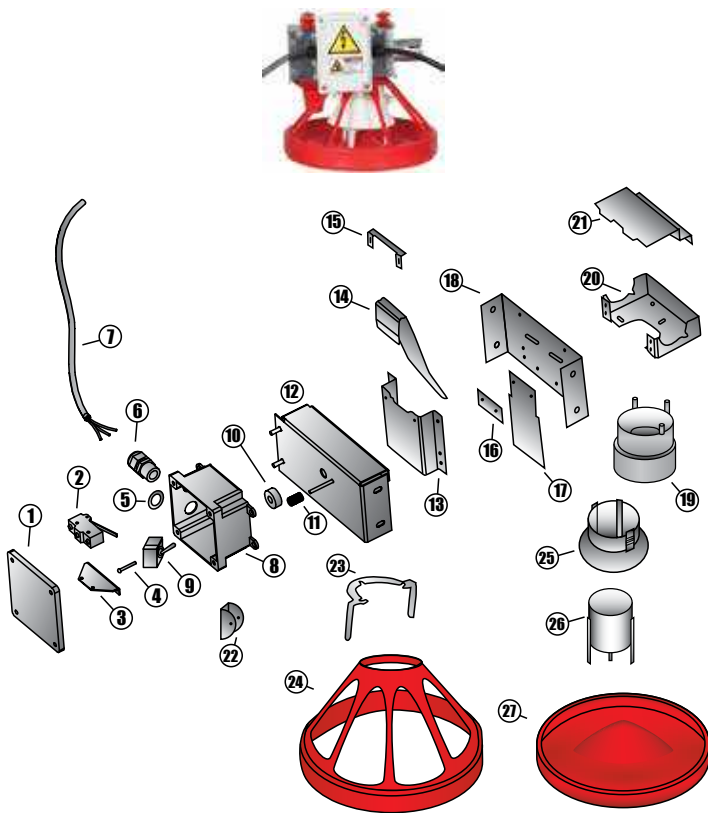
### #GC2000560 Hi-Lo i-Plus3 Center House Control Pan

Key	OEM#	Description
	GC2000560	Hi-Lo i-Plus3 Center House Control Pan (220V, 1 PH)
1	GC2000526	Housing Assembly, Center Control (Prox, Plunger)
2	GC2000552	Control Pan Drop Tube
3	G7101254	Hi-Lo Grill (8 Spoke)
4	G7098857	Pan, Hi-Lo
5	G7098855	Hi-Lo Feed Level Stand
6	G7098854	Hi-Lo Feed Level
7	GC2000534	Sensor Assembly, i-Plus3
8	GC2000563	Center Control Box, i-Plus3
9	GS-1102	Hex Nut 1/4"-20 ZN Grade 2
10	GS-10209	Threaded Stud, 8"-32 x 2", Zinc Plated
11	GS-6551	Split Lock Washer #8 Med ZN
12	GS-6525	Hex Nut #8-32 ZN Grade 2
13	GFLX-4561	Gasket, Electrical Box 4" x 6"
14	GFLX-4560	Cover, Electrical Box Lid 4" x 6"
15	GS-7377	Screw, MS #10-24 x 1" RHP ZN Grade 2
16	GS-849	Hex Nut #10-24 Grade 2
17	GDC-851	Decal, CE Electrical Hazard
18	GDC-889	Decal, Danger High Voltage
N/S	G7098556	Shroud, for 16" Motor Cord
N/S	G7099545	Hi-Lo Center House Control Clamp Package
N/S	GPNEG-1864	Instruction, Wiring Diagram, IR Sensor
N/S	GBX-116	Box, 14-1/4" X 14-1/4" x 11-7/8" 200 C, RSC for Pan Control Unit

#### **WARNING:**

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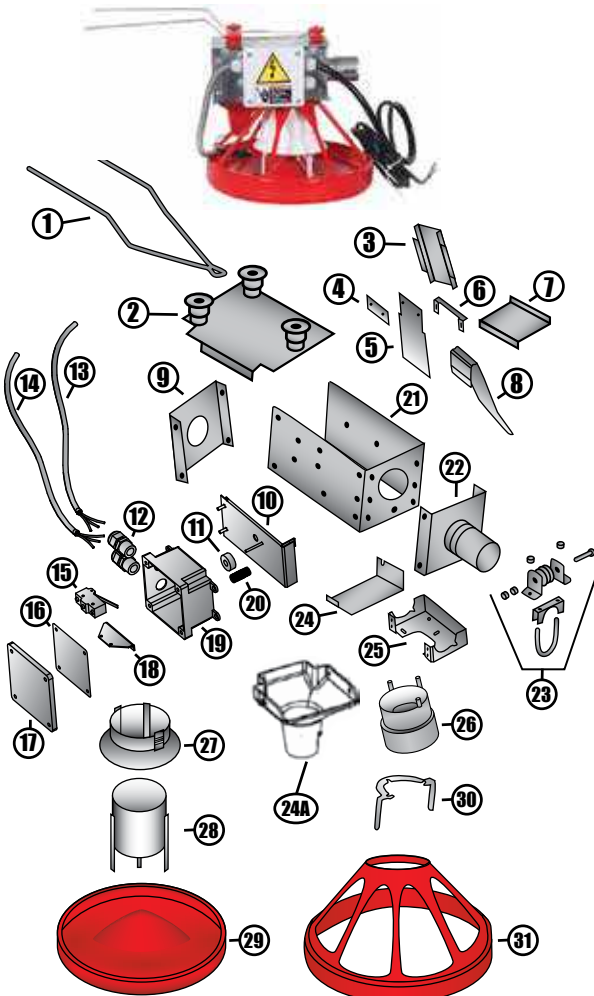


## Cumberland HI-LO Center Control Pan with Micro Switch #G07101534

1) #GFLX-2689	Electrical Box Lid
2) #EL1052	Switch, 20 AMP Unimax
3) #GAP-2289	Switch Bracket
4) #GS-8298	Rivet, Solid - 1/8" x 1" Long
5) #GFH-1309	Lock Nut, 1/2" w/ Pipe Threads
6) #GFH-1310	Cord Connector, Heyco #3231
7) #G07100348	Cord 12" Long, 16/3 SJT
8) #G07101541	Electrical Box, Drilled
9) #EL1000	Toggle Switch, SPST 15A w/ on/off
10) #GAP-2329	Foam Gasket
11) #G52-0170	Spring
12) #G07101537	Body Assembly
13) #G07101535	Paddle Rest and Shield Assembly
14) #G07101350	Paddle
15) #G07101348	Paddle Clip
16) #G07101346	Retainer plate
17) #G07101347	Paddle Cover
18) #G07101536	Inner Plate Assembly
19) #GC2000552	Control Pan Drop Tube Assembly
20) #G07101539	Base Plate Assembly
21) #G07101538	Lid Assembly
22) #G07099376	Switch Guard
23) #GC2200010	Anti-Spin Bracket
24) #G07101254	Hi-Lo Grill / 8 spoke
25) #G07098854	Hi-Lo Feed Level
26) #G07098855	Hi-Lo Feed Level Stand
27) #G07098857	Hi-Lo Pan
N/S) #GS-4322	Pin Cotter 3/32x1 Zn Gr 2

### **WARNING:**

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## Cumberland HI-LO End Control Pan with Micro Switch #G07101482

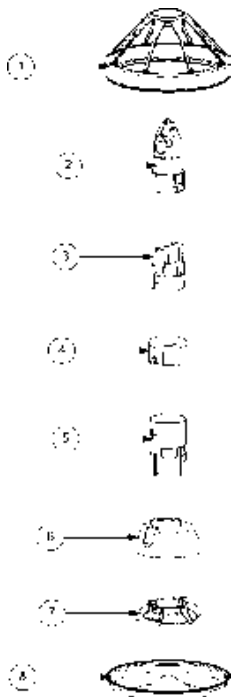
1) #G07097341	Anti-Roost Guard
2) #G07101493	Top Plate Assembly
3) #G07101489	Paddle Guard Plate Assy.
4) #G07101347	Paddle Cover
5) #G07101346	Retainer Plate
6) #G07101348	Paddle Clip
7) #G07101488	Slope Plate
8) #G07101350	Paddle
9) #G07091666	Anchor Plate
10) #G07101487	Mount Plate
11) #GAP-2329	Foam Gasket
12) #GFH-1310	Cord Connector, Heyco #3231
13) #G07100348	Cord 120" Long, 16/3 SJT
14) #G07100350	Cord 28" Long, 16/3 SJT
15) #EL1052	Switch, 20AMP Unimax
16) #GFLX-2690	Electrical Box Gasket
17) #GFLX-2689	Electrical Box Lid
18) #GAP-2289	Switch Bracket
19) #G07101490	Drilled Electrical Box
20) #G52-0170	Spring
21) #G07101485	Body Assembly
22) #G07100314	Inlet Tube Bracket Weldment
23) #G07098247	Drive Mount Hardware pkg
24) #G07101343	Bottom Plate
24A) #GC2000441	Overflow Bypass Funnel (New Style)
25) #G07101491	Base Plate Assembly
26) #G07100353	Control Pan Drop Tube Assy.
27) #G07098854	Hi-Lo Feed Level
28) #G07098855	Hi-Lo Feed Level Stand
29) #G07098857	Hi-Lo Pan
30) #GC2200010	Anti-Spin Bracket
31) #G07101254	Hi-Lo Grill / 8 spoke
N/S) #G07098556	Shroud for 16" Motor Cord
N/S) #GFH-1309	Lock Nut, 1/2 Inch w/ Pipe Threads

### **WARNING:**

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Pro-1 Retro-Kit:  
#GC2000235



### Cumberland Pro-1 Flood Pan

- |               |                       |
|---------------|-----------------------|
| 1) #G07101254 | Hi-Lo Grill (8 Spoke) |
| 2) #GC2000215 | Two-Piece Drop Tube   |
| 3) #GC2000209 | Drop Tube Extension   |
| 4) #GC2000212 | Locking Collar        |
| 5) #GC2000210 | Lower Drop Tube       |
| 6) #GC2000307 | Clear Window Guard    |
| 7) #GC2000211 | Feed Level Adjustor   |
| 8) #G07098857 | Pan, Hi-Lo            |



### GrowerSELECT® Control Pan Light Kit

The GrowerSELECT® feed pan light encourages the birds to eat from the end control pan to increase feed line run times.

- Six powerful LED lights rated at 10,000-hour life
- Attaches directly to the pan; surrounds pan with a light
- No heat build-up
- Corrosion resistant
- 115 volt - 1/2 Hp. 230 volt - 1 Hp
- Easily retrofits to GrowerSELECT® or Chore-Time® control pans.

#HS8500LA .....End of Line Control Pan Light Kit

#### ⚠ WARNING:

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### LifeLamp Pan Light

- High 270 Lumens Output
- 120 or 220 Volts
- IP65 waterproof

#ISP3W227K.....Life Lamp pan light



### GC2000531 LED Light Assembly Complete



GC2000531  
Light & Cord Only

GC2000530  
Power Supply Only



### Cumberland Control Pan LED Light

- Kit can be operated on 115VAC or 230VAC.

- |               |                            |
|---------------|----------------------------|
| A) #GC2000531 | Control Pan Light Assembly |
| B) #GC2000536 | Light and Cord Only        |
| C) #GC2000530 | Power Supply               |

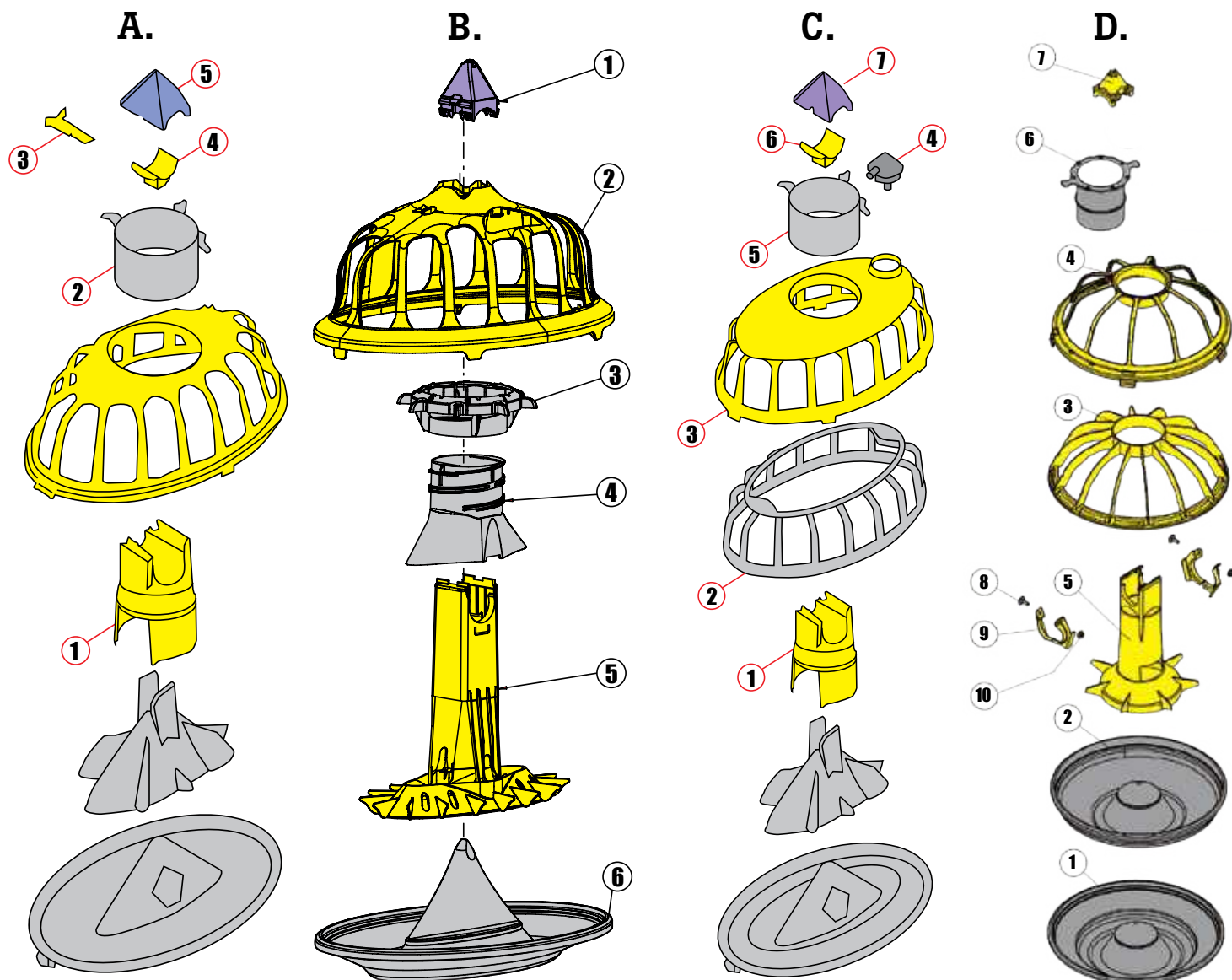


### Once® AgriShift FL

The AgriShift Feeder Light is an easy-to-install system that mounts with an electrical junction box to most existing control pans.

- 3 Watt LED emitting poultry-specific wavelengths.
- 230 Volts
- Rated life of 50,000 hours

#OIPL-FSWR-DE.....Feeder Light Kit



# Roxell System Feed Pans

## A) Roxell Vitoo Pullet Feeder

1) #AGL00800540	Upper Cone
2) #AGL00800557	Adjuster Ring
3) #AGL00800086	Slide (Optional)
4) #AGL00800581	Anti-Swing Piece
5) #AGL00800565	Top Support

## B) Roxell Haikoo Broiler Feeder

#AGL00900282	HaiKoo Feeder Complete
1) #AGL00900050	Top Support
2) #AGL00900019	Grill
3) #AGL00900068	Adjuster Ring
4) #AGL00900035	Skirt
5) #AGL00900027	Support Cone
6) #AGL00900001	Feeder Pan

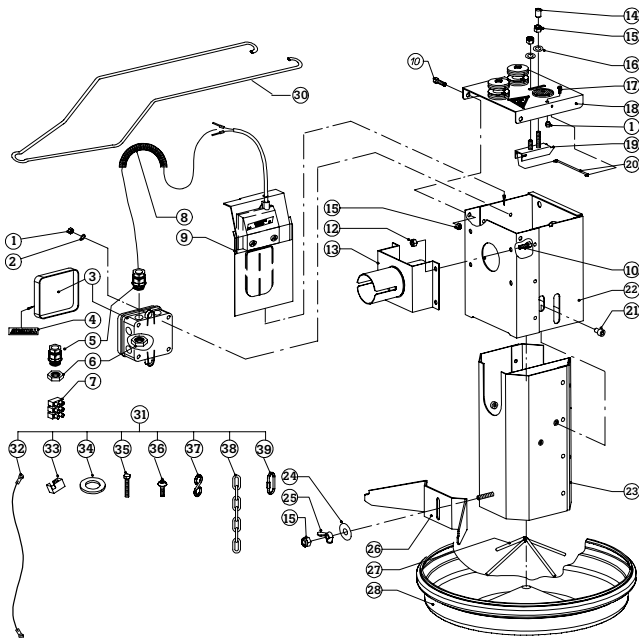
## C) Roxell Kixoo Adjustable Breeder Feeder

#AGL00800001	Kixoo Feeder Complete
1) #AGL00800540	Upper Cone
2) #AGL00800524	Inside Grill
3) #AGL00800508	Outside Grill
4) #AGL00800573	Adjustment Knob
5) #AGL00800557	Adjuster Ring
6) #AGL00800581	Anti-Swing Piece
7) #AGL00800565	Top Support

## D) Roxell Minimax Broiler Feeder

1) #AGL00104281	Feeder Pan Minimax Line - Low
2) #AGL00101196	Feeder Pan Minimax Line - Classic
3) #AGL00101246	14 Strut Grill
4) #AGL00103135	10 Strut Grill
5) #AGL00101212	Support Cone Minimax Line
6) #AGL00101204	Short Adjuster Ring Minimax Line
7) #AGL00101220	Top Support Minimax Line
8) #AGL20101937	Square Neck Bolt M6X16
9) #AGL00600312	Anti-Swing Clamp
10) #AGL20104105	Flange Nut M6





### Roxell Feedline End Control Unit #AGL00104901

- 1) #AGL20100681 ..... Nut M4 - Din 934
- 2) #AGL20100566 ..... Washer 4.3 x 9 x 0.8 - Din 125
- 3) #AGL15000037 ..... Handy Box Obo A8
- 4) #AGL13600598 ..... Roxell Decal - 42x10
- 5) #AGL15001472 ..... Cable Ring
- 6) #AGL10102978 ..... Cable Ring Nut



### Roxell Minimum Hopper Switch

This switch is used to keep your feed lines charged full of feed for more uniform feeding.

#AGL00205559 ..... Minimum Hopper Switch



### Control Pan Switch Assembly

- #AGL10105690 ..... Switch Assembly
- #AGL10105732 ..... Switch Only
- #AGL05100532 ..... Feed Switch Kit, Yellow
- #V7-1V19E9 ..... Switch Micro 2HP for Paddle Switch

- 7) #AGL10103109 ..... Clamp Stroke 6e/3
- 8) #AGL10106870 ..... Cable Spring
- 9) #AGL10105690 ..... Level Switch Complete
- 10) #38563 ..... Bolt M6x12 - Din 933 - 8.8
- 12) #AGL20100210 ..... Nut M6 - Din 934
- 13) #HS685 ..... Tube Bracket Assy
- 14) #AGL10107209 ..... Ferrule
- 15) #11511019 ..... Locknut M6 - Din 985
- 16) #AGL20103081 ..... Washer D.6.4 x 12 x 1
- 17) #AGL20100806 ..... Screw M4x10 - Din 84 - 4.8
- 18) #AGL10107423 ..... Top Closure Assy C. Unit
- 19) #AGL10107183 ..... Latch
- 20) #AGL10107191 ..... Latch Spring
- 21) #AGL20101713 ..... Socket Cap Screw M6x10
- 22) #AGL10107381 ..... Outside Body Assy
- 23) #AGL10107373 ..... Inside Body Assy
- 24) #AGL20100756 ..... Washer 6.4 x 18 x 1.5 - Din 9021
- 25) #AGL20100335 ..... Wingnut M6 - Dub 315
- 26) #AGL10106847 ..... Pan Support
- 27) #AGL00102392 ..... Agitator - Poultry
- 28) #AGL00101477 ..... Feeder Pan - Max C
- 30) #AGL10107860 ..... Anti Roost Guard
- 31) #AGL10107431 ..... Hardware Kit
- 32) #AGL20100400 ..... Connecting Wire
- 33) #AGL10100782 ..... Drive Block
- 34) #AGL20100483 ..... Washer M12 D.34x20x3
- 35) #AGL20102307 ..... Bolt M6x35 - Din 931
- 36) #AGL20104196 ..... Sock. But. Hd Cap Scr. M8x1
- 37) #AGL05000013 ..... "S" Hook
- 38) #AGL10107449 ..... Chain L = 0.5m
- 39) #AGL10203156 ..... Screw Link Dia. 3.5

#### WARNING:

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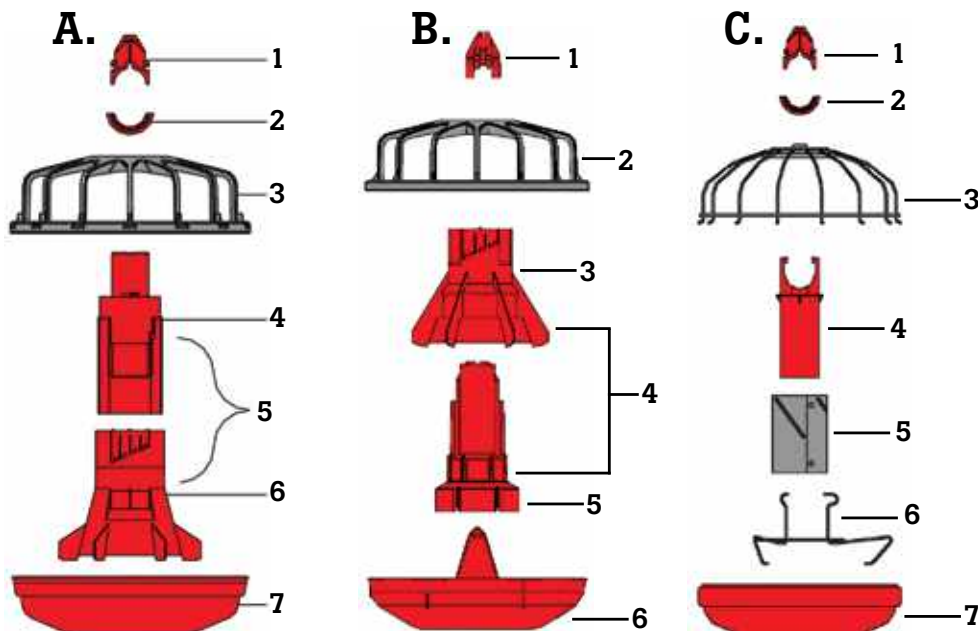


### End Control Pan with Switch

- #AGL00104901C ..... End Control Pan
- #AGL00104919 ..... Intermediate Control Pan

#### WARNING:

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### A) Model C2 Breakdown

- 1) #C25052 ..... Support Cap
- 2) #C25053 ..... Locking Insert
- 3) #C25280 ..... Model C2 Grill
- 4) #C25283 ..... Support Cone w/2 Piece Top
- 5) #C34538 ..... Support & Adjustment Cone
- 6) #C30730 ..... Adjustment Cone
- 7) #C25281 ..... Model C2 Feeder Pan

### B) Model C2 Plus Pan

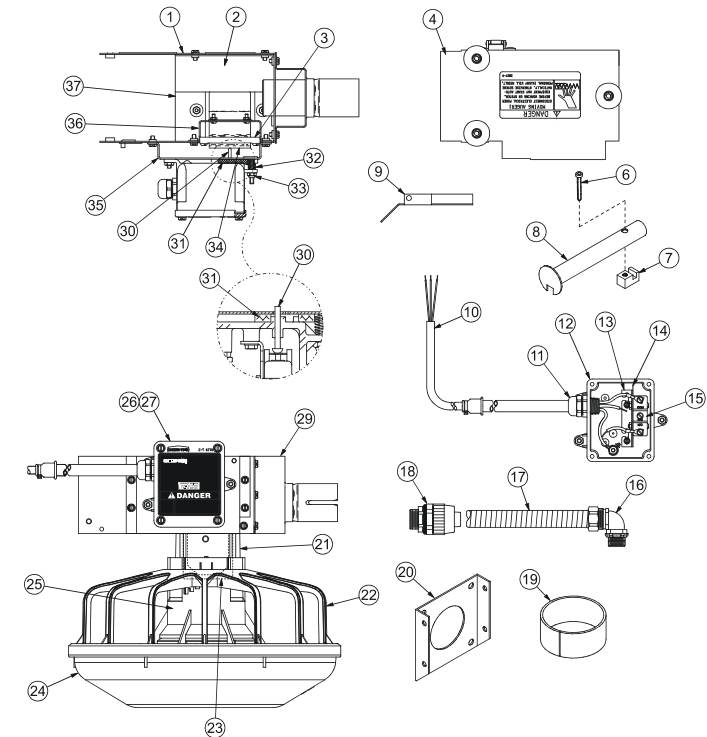
- 1) #HS8000-6R ..... Removable Top
- 2) #HS8000-2 ..... C2 Plus Grill
- 3) #HS8000-3 ..... Adjustment Cone
- 4) #C41188 ..... Packed Cones
- 5) #C38602 ..... Support Cone, Removable Top
- 6) #HS8000-1 ..... Feeder Pan

### C) Model C Breakdown

- 1) #C25052 ..... Support Cap
- 2) #C25053 ..... Locking Insert
- 3) #V450261 ..... Model C Grill
- 4) #C25051 ..... Grill Support w/2 Piece Top
- 5) #C2508 ..... Feed Tube
- 6) #C8171 ..... Feed Ring
- 7) #G07097220 ..... Feeder Pan

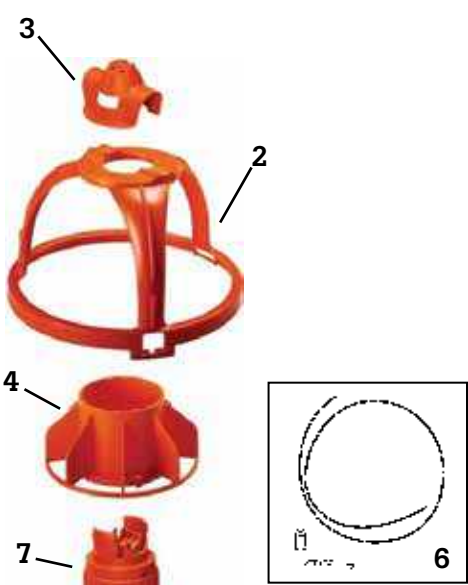
Chore-Time  
Model C2® PLUS Standard End Control Unit: C40943  
Model C2® PLUS Shallow End Control Unit: C42012

Key	#C40943	#C42012	Description
1	#C14434	#C14434	Control Body
2	#C41363	#C41363	Deflector Panel
3	#C25045	#C25045	Paddle Retainer
4	#HS8500-34	#HS8500-34	Control Cover Assy
6	#C5083-8	#C5083-8	1/4-20 1.5 Cap Screw
7	#HS536-1	#HS536-1	Driver Block
8	#HS8500-21	#C44794	Drive Tube Wldt
9	#HS8500-18	#HS8500-18	Bottom Cover
10	#C25495	#C25495	Control Cord Assy
11	#61646	#61646	1/2" Liquid Tight Conn
12	#C24702	#C24702	Switch Box
13	#C46122	#C46122	Switch Bracket
14	#HS529-50	#HS529-50	Switch Insulation
15	#EL1052M	#EL1052M	Actuator Switch
16	#C23810	#C23810	1/2" Liquid Tight Conn
17	#C26982-1	#C26982-1	14" Flexible Conduit
18	#C26980	#C26980	Straight Liquid Tight Conn
19	#C43110	#C43110	Cut Sleeve
20	#HS8500-19	#HS8500-19	Anchor Plate
21	#C40947	#C37371	Center Support Assy
22	#HS8000-2	#HS8000-2	Feeder Grill
23	#C25318	#C25318	Mylar Assembly
24	#C41501	#C41500	Feeder Pan
25	#HS8000-3	#HS8000-3	Adjustment Cone
26	#HS529-48	#HS529-48	Switch Box Cover
27	#HS529-49	#HS529-49	Switch Box Gasket
29	#HS8500-24	#HS8500-24	Support Bracket
30	#HS529-46	#HS529-46	Plunger
31	#HS529-45	#HS529-45	Gasket
32	#C6972	#C6972	Paddle
33	#C6963	#C6963	# 10-32 Lock Nut
34	#C46123	#C46123	Actuator Pin



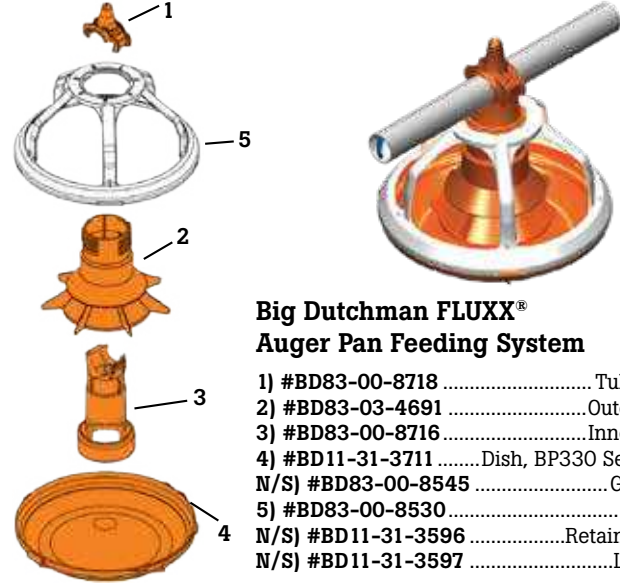
Key	#C40943	#C42012	Description
35	#C25084	#C25084	Switch Box Mount
36	#C25433	#C25433	Stop Panel
37	#C40749	#C40749	Switch Bracket
NS	#C2798	#C2798	Anti-Roost Guard

**⚠ WARNING:**  
This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



**Big Dutchman UniGROW®  
Winch Adjustable Pan Feeder**

- #BD11-00-0483-1 .....Complete Pan Assembly
- 1) #BD11-00-0431 .....Pan
- 2) #BD11-00-0422 .....Grill
- 3) #BD11-00-0427 .....Cap
- 4) #BD11-00-0428 .....Feed Collar
- 5) #BD11-00-0430 .....Drop Adjuster
- 6) #BD11-00-0462 .....Conversion Kit to Adjustable Feeder
- 7) #BD11-00-0432 .....Drop



**Big Dutchman FLUXX®  
Auger Pan Feeding System**

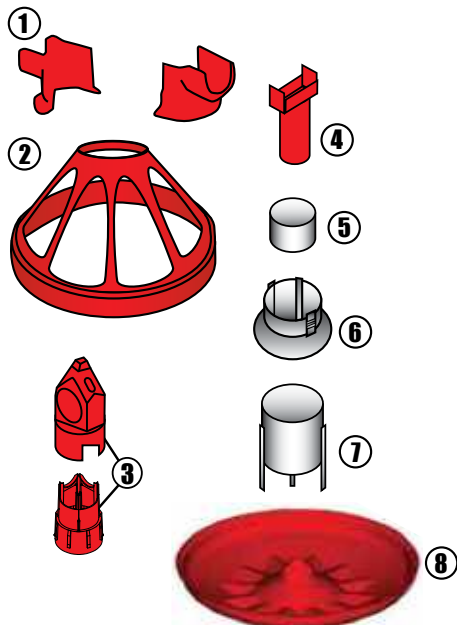
- 1) #BD83-00-8718 .....Tube Adapter
- 2) #BD83-03-4691 .....Outer Cylinder
- 3) #BD83-00-8716 .....Inner Cylinder
- 4) #BD11-31-3711 .....Dish, BP330 Serrated Pan
- N/S) #BD83-00-8545 .....Grill 14 Arm
- 5) #BD83-00-8530 .....Grill 5 Arm
- N/S) #BD11-31-3596 .....Retaining Spring
- N/S) #BD11-31-3597 .....Locking Pin

**Chore-Time Proxy**

- Angled Cord
- Replaces Chore-Time® OEM # 56077

#105208.....for end control pan

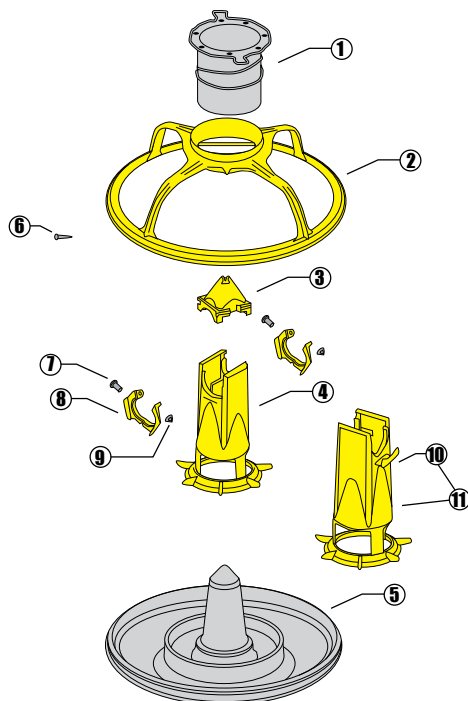




### Cumberland HI-LO VIII Rooster Feeder #G07101562

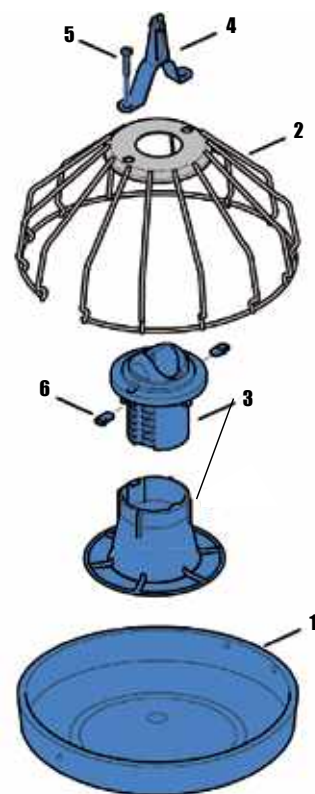
#G07101562..... Hi-Lo VIII Complete

- 1) #G07101583..... Anti-Rotation Clip for Hi-Lo
- 2) #G07101254..... Hi-Lo Grill / 8 Spoke
- 3) #GC2000215..... Hi-Lo Drop Tube, 2 pc Assy
- 4) #G07101604..... Funnel Restrictor
- 5) #GC2000009..... Hold Down Clip
- 6) #G07098854..... Hi-Lo Feed Level
- 7) #G07098855..... Hi-Lo Feed Level Stand
- 8) #G07101606..... Hi-Lo Pan / Low Volume



### Roxell Cockrel Feeder

- 1) #AGL00101204..... Adjuster Ring
- 2) #AGL00400564..... Pan Support
- 3) #AGL00101220..... Top Support
- 4) #AGL00101212..... Short Support Cone
- 5) #AGL00600320..... Feeder Pan Fidimat
- 6) #AGL10401230..... Support Lock (option)
- 7) #AGL20101937..... Square Neck Bolt M6x16
- 8) #AGL00600312..... Anti Swinging Clamp
- 9) #AGL20104105..... Flange Nut M6
- 10) #AGL00602037..... Sledge
- 11) #AGL00602045..... Short Support Cone w/Sledge



### Cyclone 12" Pan Assembly

#BD86-00-2119..... 12" Pan Assy Complete

- 1) #BD11-03-1007..... 12" Pan
- 2) #BD86-00-2120..... Grill Assembly
- 3) #BD11-14-1130..... Cone/Feed Drop Combo
- NS) #BD11-14-1150..... Parts Bag
- 4) #BD11-AT-1460..... Top Clamp Assy
- 5) #CY99-10-1068..... Hex Bolt, 1/4-20 x 1-1/4"
- 6) #CY99-20-1014..... Weld Nut, 1/4-20



See page  
17 for  
details!



### Clamp Anti Swing Kit

• Old style pan anti swing lock

#HS672..... Clamp Anti Swing Kit (2 Hose Clamps & Bar)



## Plasson Male Feeder Pan

Plasson's male feeder pan was developed for males in breeder houses with separate feeding for males and females.



- Small feed capacity
- No restriction access
- 7-9 males per pan
- No swinging pan
- Uniform feed distribution
- Plasson renowned plastic quality
- Grill-less pan
- Improve mortality
- Eliminate male hangups
- Increase potential fertility and hatchability



#DI2310570..... Feeder Pan for Males Com

- 1) #DI2310122..... Feeder Pan Body w/Level "O" Maroon
- 2) #DI2310092..... Feeder Pan Regulator 0-5 Gray
- 3) #DI2310121..... Feeder Pan Upper Locking Maroon
- 4) #DI2310125..... High Cone for Males Pan Maroon
- 5) #DI2310895..... Feeder Pan Anti-Rotation Bracket Set



## Turbogrow Low Profile

Low profile model for use with pan feeders having lower working heights.

### Measurements

Total height: 6.7"  
Pan diameter: 9.85"  
Total capacity: 9 lbs.

### Recommend density:

1 Feeder per 50-100 chicks

#355900LP .....Turbogrow Low Profile



## Turbogrow 2

Turbogrow 2 is a rectangular rounded chick feeder designed to be filled automatically for broiler and breeders from 1 to 15 days of age. Eight segmented distribution windows help in prevent feed wastage.

### Measurements:

Height: 7.5" Weight: 1-1/3 lbs.  
Length: 11" Total Capacity:  
Width: 6-1/4" 11 lbs.

#355903IN .....Turbogrow 2



## Hi-Grow Feeder

HI-GROW is a rounded plastic chick feeder designed to feed baby chicks from 1 to up to 15 days of age. It has been shown to reduce feed wastage compared to using standard feed trays and provides a more sanitary feed source for chicks compared to basic trays.

### Measurements:

Total Height: 7.5"  
Pan diameter: 11"  
Weight: 1 lb.

### Total Capacity:

9.92 lbs.

### Recommended density:

1 Feeder per 50-100 chicks.

#355900E .....Hi-Grow Feeder



## TurboMate

Unique design incorporates the feeder, drop and hanger into one simple-to-use product. Simply rotate unit 180° above feed pipe to store. Individual trough dividers limited feed wastage.

### Measurements:

Height: 6"  
Length: 13-3/4"  
Width: 6-1/4" Weight: 1 lb.

### Total Capacity:

2.65 lbs

### Recommended density:

1 Feeder per 75-100 chicks.

#0302048-US .....TurboMate Short

#0302056-US .....TurboMate Long



## TurboMate II

Automatic bi-directional feeder that incorporates feeder and rotating hanger. Features double cone, open windows and trough dividers.

### Measurements:

Length: 14"  
Width: 6.6"

### Total Capacity:

2.6 lbs

### Recommended density:

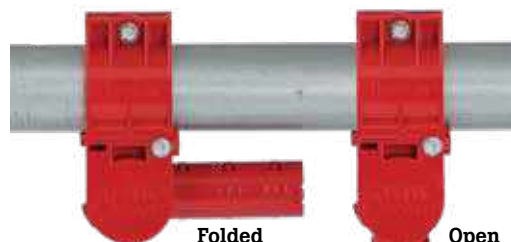
1 Feeder per 50-100 chicks.

#020202-034-US .....Short, 1.77" throat

#020202-035-US .....Long, 2.75" throat



Manufactured from high quality NYLON to prevent breakage. Sleeves are constructed of chemical resistant polypropylene. Installs easily on existing feed lines.



Choose from optional sleeves\* to accommodate varying feed line heights.

Note clearance between the cone sleeve and feed line. This clearance allows the drop tube to come to a complete right angle assuring complete feed shutoff. Drops will not loosen and fall down over time. When installing any chick starter be sure to install it so that the drop folds up towards the fan end of the house.

#HS577 .....Kwik Start Chick Feeder

1) #HS578L .....Cone Sleeve w/ Lock

2) #HS577-325 .....3.25" Sleeve

3) #HS577-600 .....6" Sleeve

\*Sleeves are excluded from GrowerSELECT 2 Year warranty.

## Max Fill

- Swivels 360° to shut off feed flow
- Fits both smooth and ribbed tubes
- Short tube increases feed level in chick feeders

#8660-B-US .....Chick Filler



## TurboTwist Filler

Automates the filling of turbo grow feeders from feed line.

- Plastic construction
- Central position indicator
- Extended fin to avoid finger injuries
- Simple manual rotation

#SG-357000 .....TurboTwist Filler



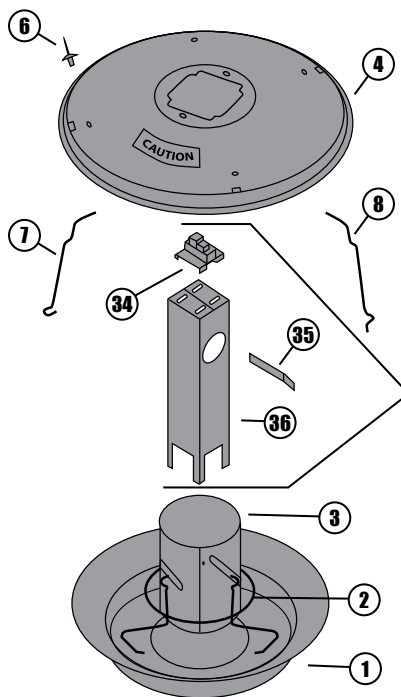
## Cord Locks

Labor saving storage method attaching TurboGrows to feedline with a cord.

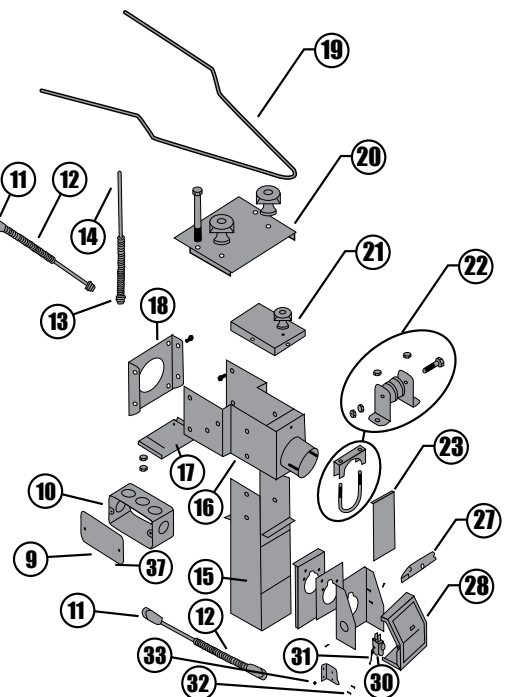
#HSH107 .....plastic/each

## Cumberland Adult Turkey Control Unit

- 1) #G07097736 ..... Turkey Pan  
 1) #G00404108 ..... Intermediate Turkey Pan  
 1) #G07099174 ..... Plastic Turkey Pan  
 2) #HST1000-10 ..... Feed Level Ring Assy.  
 3) #HST1000-16 ..... Feed Level Tube  
 4) #GC2000081 ..... Turkey Control Pan Shield  
 6) #GS-7235 ..... Pop Rivet 3/16" x 1/4"  
 7) #GC2000267-HRD ..... Pivot Pan Support  
 8) #G07097831 ..... Pan Support  
 9) #G00402600 ..... Box Cover  
 10) #G00402601 ..... Electrical Box  
 11) #G00402602 ..... 90 Deg. Connector  
 12) #G00147640 ..... Flex Cable  
 13) #G1782 ..... Straight Connector  
 15) #GC2000091 ..... Drop Tube Body Weldment  
 16) #G07091660 ..... Body Weldment Assy.  
 17) #G07091705 ..... Bottom Plate Assy.  
 18) #G07091666 ..... Anchor Plate  
 19) #G07097341 ..... Anti-Roost Guard  
 20) #G07091678 ..... Safety Closure Assy.  
 21) #G07091698 ..... Cover Assy.  
 22) #G07097946 ..... Turkey Insulator Pkg.  
 23) #G07091669 ..... Switch Brkt. Assy.  
 24) #G07091670 ..... Diaphragm Assy.  
 25) #G07091673 ..... Spacer Plate  
 26) #G07091667 ..... Diaphragm Housing  
 27) #G07091659 ..... Paddle Guard  
 28) #G07091671 ..... Switch Cover  
 30) #G00401933 ..... Micro Switch  
 32) #GS-7214 ..... 10-32 x 7/8" Pan HD Nylon M/S  
 33) #G07091699 ..... Switch Bracket Assy.

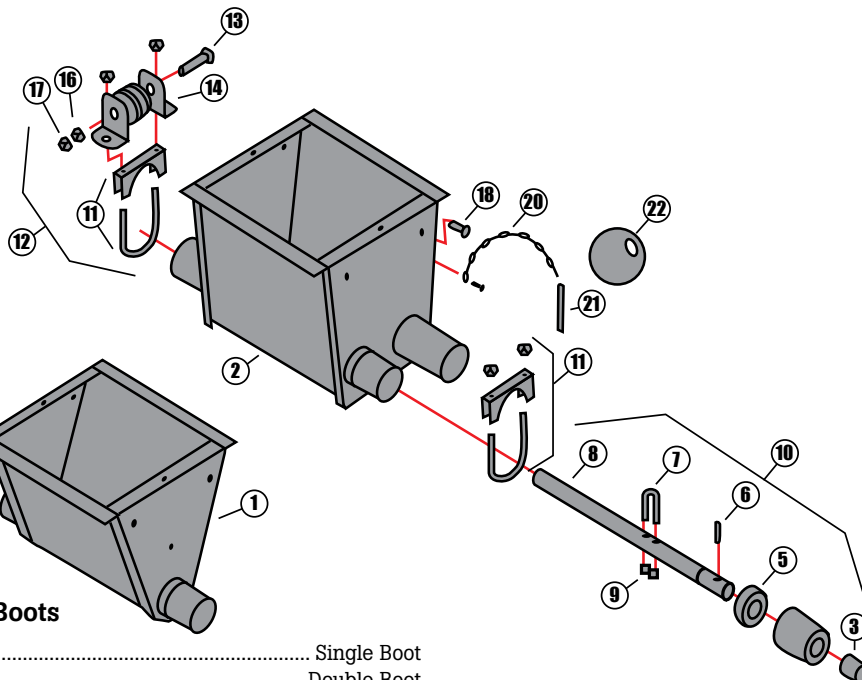


- N/S) #G00401906 ..... U Bolt #10-24 x1 3/8"  
 N/S) #GS-2010 ..... #10-24 NY Loc Nut  
 34) #G07097816 ..... Drop Tube Insulator  
 35) #G07097728 ..... Pan Shield Support  
 36) #GC2000288 ..... Drop Tube Square



### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



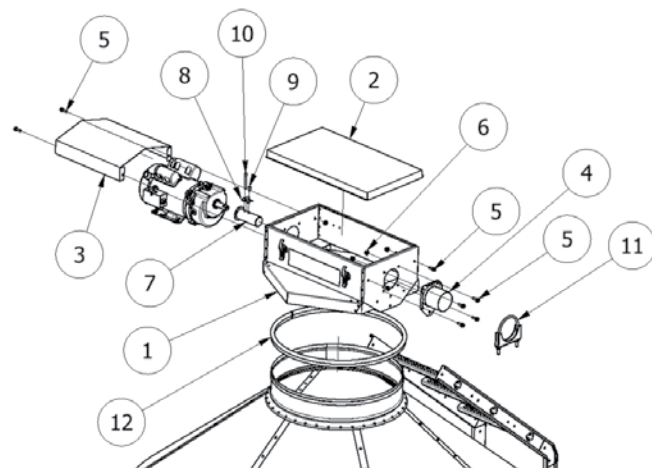
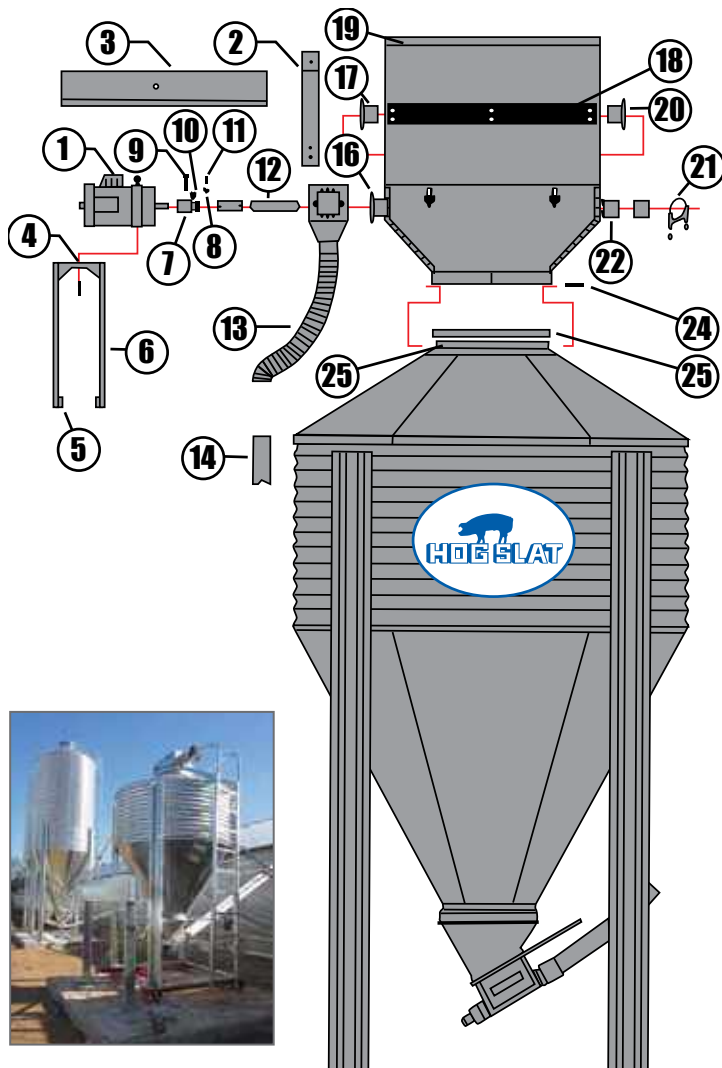
## Cumberland Single & Double Adult Turkey Boots

- #G0798257 ..... Single Boot  
 #G07098258 ..... Double Boot  
 1) #HS732 ..... Single Body Weldment  
 2) #HST1620 ..... Double Body Weldment  
 3) #GC1000013 ..... 3/4 Bearing w/Roll Pin Hole  
 5) #1635-2RS ..... Bearing  
 7) #G00401906 ..... Idler U-Bolt  
 8) #G07097980 ..... Idler Shaft  
 9) #GS-2010 ..... #10-24 Hex NY-Loc Nut  
 10) #HSAB45UP ..... Boot Shaft & Bearing Assembly  
 11) #CLAMP200 ..... Clamp 2"  
 12) #G07097946 ..... Insulator & Clamp  
 13) #GS-2086 ..... 3/8"-16 x 1-1/2" Hex Head Cap Screw  
 14) #G07097371 ..... Insulator Mount Bracket

- 16) #60598 ..... 3/8" Lock Washer  
 17) #GS-456 ..... 3/8"-16 Hex Nut  
 18) #GS-4275 ..... 5/16"-18 x 3/4" Hex Head Bolt  
 N/S) #GS-1147 ..... 5/16" Lock Washer  
 N/S) #GS-396 ..... 5/16"-18 Hex Nut  
 N/S) #GS-7277 ..... #10-32 Hex Lock Nut  
 20) #G07098109 ..... Latch Chain  
 21) #GS-6994 ..... Latch Cotter Pin  
 22) #HS527 ..... Cannon Ball, Agitator 3"

### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



### Top Fill Kit for Mdl 90 Auger #GST-AC510-90

- Fits Roxell, Chore-Time and Hog Slat feed bins
- Replacement for Chore-Time #25806

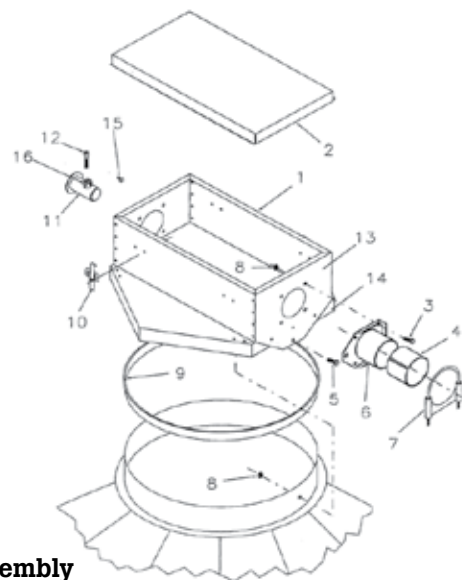
Item	Qty	Part #	Description
1	-	GST-AC515	Fill Cover Assembly
2	1	GST-AC506	Top Fill Assembly, Access Cover Assembly
3	1	GST-AC505	Top Fill Assembly, Motor Shield
4	1	HS537-2	Weldm't - Adapter, Direct Drive-M90
5	8	HS712	Bolt, 5/16 - 18 x 1 Hex Head Bin Bolt w/PE Washer, Gr 8.2 JS1000
6	8	HS724	Nut, 3/8-16 Hex Serrated Flange, Grade 5, JS500
7	1	HS537-5	Weldm't - Coupling, Direct Drive
8	1	HS531-8	Clamp Auger
9	1	91251A578	SHC Screw 5/16-18 x 1/2"
10	1	91251A592	SHC Screw 5/16-18 x 2-1/4"
11	1	CLAMP400	CLAMP,UBOLT,4IN
12	1	GST-PNF1011	Weather-Resistant EPDM Edge-Grip with Seal 69.125" long

### Cumberland 350 Top Mount Screener

1) #GFLX-2459	1/2 Hp Direct Drive Power Unit
2) #G07099849	TMS Hood Mounting Bracket
3) #G07099850	TMS Power Unit Hood
4) #G07098580	TMS Top Channel
5) #G07098581	TMS Left Hand Support Channel
6) #G07100112	TMS Right Hand Support Channel
7) #GFLX-3861	DD Screener Spindle
8) #GS-9163	3/16" x 1-1/4" Roll Pin
9) #GS-6482	5/16" Cap Screw
10) #GFLX-2947	Clamp Pin
11) #GS-4312	5/16" x 1-1/2" Sq. HD Setscrew
12) #GFLX-3864	Agitation Paddle
13) #HSDTFLX	3.406" Galv. Flexible Tubing
14) #HSDT003	12' Tube Drop 3.562" ID x 3.750" OD
15) #G07098647	TMS Body Assembly
16) #G07099986	Double Tube Weldment
17, 20) #GC1000005	300-350 Screener Tube Weldment
18) #GC1000001	Top Half 350 Screener
19) #G07098573	TMS Cover Lid
21) #CLAMP400	Tube Clamp 4"
22) #GFLX-2318	Tube Anchor Plate Weldment
24) #GS-4276	5/16" x 1-1/4" F. Thread Bolt
25) #GFLX-3512	Fill Cover Sealer Strip
26) #GFLX-2718	Spacer

### Cumberland Fill Cover Assembly

#GBLK-11693	Fill Cover Assembly
1) #G07097418	Fill Cover Side Panel
2) #G07097419	Fill Cover Lid
5) #605092	5/16"-18 x 1-1/4" Bin Bolt
9) #GFLX-3512	Fill Cover Sealer Strip
10) #G07097313	Over Center Latch
13) #G07097416	Fill Cover Power Unit End Panel
14) #G07097417	Fill Cover Lower End Panel
17) #G07099971	Fill Cover End Panel
18) #G07099926	Fill Cover Power Unit Hood





# Spinks Scale Systems



- #IS003500 ..... 350 lb. Rooster Line Scale  
 #IS003350\* ..... 350 lb. Hopper Only  
 #IS203015 ..... Boot Adaptor for Chore-Time/Cumberland/GrowerSELECT

## ⚠ WARNING:

\*This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



- #IS005500 ..... 5,000 lb. Platform Scale for 6' Bin

## Bin Scale Parts



- #IS005150 ..... Whisker Switch



- #005151 ..... Green Push Button Assy.



• See page 50 for complete parts listing

- #GST-AC510-90 ..... Top Fill System Complete

## ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



- #ISTWC-10 ..... Push Button



- #IS203014 ..... Slide Gate

## ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



- #I-SA1 ..... Micro Switch Assy

## Rooster Scale Parts



- #IS060148 ..... Pressure Switch

## ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



- #IS003133 ..... 0-350 Lb. Decal



- #IS000201 ..... Control w/Mag Cutoff



- #LE016B02M ..... Spring for switch assy.



## Replacement Feed Chain

#HSFC-1 ..... 50' rolls only

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## 90° Corner

Replacement corner for chain systems complete with suspension kit and clear plastic cover. Features a cast iron wheel and roller bearing pivot pin for longer life.

#HSFC2C ..... GrowerSELECT® 90° Corner

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## Corner Stand

14" wide x 16-1/2" high.

#HSFC4 ..... Corner Stand

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Cumberland Corner

#G07097574C ... 90° corner w/o cover and hanger

#G07097523C ... 90° corner w/ cover and hanger

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Power Shoes

#G07097731 ..... Cumberland

#V410419 ..... Valco/Pax

#BD10-00-0337 ..... Big Dutchman

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Pullet Grill (3-1/4")

#G07097440 ..... 6' long, 1-5/8" spacing

## High Profile Medium Wide (4-3/4")

#G07097429 ..... 5' long, 1-5/8" spacing

#G07097566 ..... 5' long, 1-11/16" spacing

#G07097567 ..... 6' long, 1-11/16" spacing

#GC4000103 ..... 6' long, 1-5/8" spacing x 2" tall

## Medium Wide (4-3/4")

#G07098846 ..... 6' long, 1-11/16" spacing

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Trough

#HS618-8 ..... Medium wide, 8' long for hens

#HS618-10 ..... Medium wide, 10' long for hens

#HS618-12 ..... Medium wide, 12' long for hens

#G07097568 ..... 12' pullet

#G07097269 ..... 10' pullet

#G07097270 ..... 10' medium wide

#V410300 ..... 10' medium wide hen (Pax)

#V410308 ..... 12' medium wide hen (Pax)

#HSFC14 ..... Trough clean out cover

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Trough Hangers

#HSH031 ..... Medium Wide

#G07097633 ..... Hanger for Pullet Trough

#HSFC3 ..... 10-1/4" wide x 4" high

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## End Caps

#HSFC9 ..... Hen, Medium Wide, Hi Profile

#HSFC10 ..... Pullet 3.25 (L) x 2.75 (W) x 3.75 (H)

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Pivot Pin Assembly

• Pivot pin kit for chain corner

#G07098281 ..... Pivot Pin Assembly

#HS07099370 ..... Grease Zerk Only

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Trough Couplers

#HS656 ..... 8" Medium wide

#G07097570 ..... 12" Trough Coupler

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Shear Pins

#G07099513 ..... Shear pin hard grade

#G01060124 ..... Shear pin soft grade

#G07099512 ..... Shear pin medium grade

#V410999 ..... Valco/Pax shear pin (10 pk)

#G07099518 ..... Pkg 50 Hard

#G07099517 ..... Pkg 50 Medium

#BD10-00-0034 ..... Big Dutchman 3/16" x 1-1/4" (10 pk.)

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Chain Breaker

#HSFC8 ..... Chain Breaker

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

Grower**SELECT**  
90° Corner

#HSFC2C-1R ..... Wheel Assy



#HSFC2C-2R ..... Shaft Assy



#HSFC2C-3R ..... Ball Bearing



#HSFC2C-4R ..... Shaft Seal



#HSFC2C-6R ..... Clear Cover



#HSFC2-2 ..... Composite wheel and shaft kit for original 90° Corner



**WARNING:**

\*This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

Grower**SELECT**  
Direct Drive Chain  
Feeder Motor

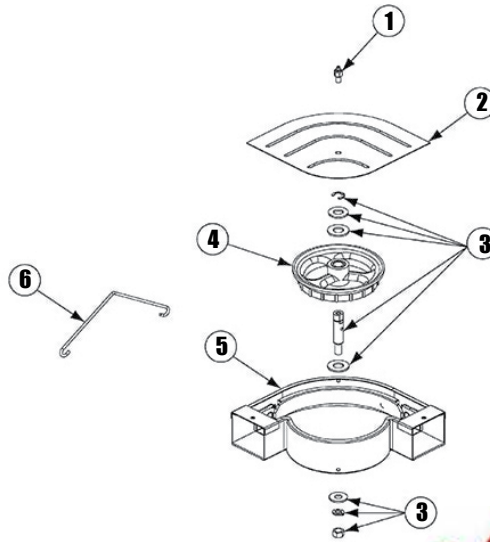
- 1750 RPM
- 230 Volts

#HS9036 ..... 2 HP Motor



**WARNING:**

\*This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



Cumberland 90° Corner -  
#G07097523C

- 1) #HS07099370 ..... Bolt w/ Grease Zerk  
2) #G4546-P ..... Plastic Cover  
3) #G07098281 ..... Pivot Pin Assembly  
4) #G07101494 ..... Corner wheel with Bushing  
5) #G07097574B ..... Corner Weldment  
6) #G07097697 ..... Corner Suspension Hanger

**WARNING:**

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Item#	Item Name	Qty needed per (HWF 1938) Stand
#HWF1938	Leg stand for chain feeder support 19.5" tall w/o hardware	1
#60580	Washer flat commercial 5/16 x 3/4 SS	4
#97337304SS	Bolt U Round 5/16-18 x 1-7/16" x 2.73" 304SS	3
#9731240503	Bolt U 5/16" x 1-3/8" ID x 2-1/2"	3
#605071	Bolt hex cap 5/16-18 x 1/2" Grade 5 zinc	10
#60681	Nut lock hex nylon insert 5/16-18 zinc	4
#617202	Pipe tube 1.315" OD x 10' 16ga galv w/crimp-perching roost	varies on length
#6172024	Pipe tube 1.315" OD x 24' 12ga galv w/crimp-perching roost	varies on length

Belt Drive Chain Feeder Motor

- 1750 RPM
- 115/230
- 56 Frame
- Manual Reset

#N9034 ..... 1-1/2 HP Motor  
#N9035 ..... 2 HP Motor



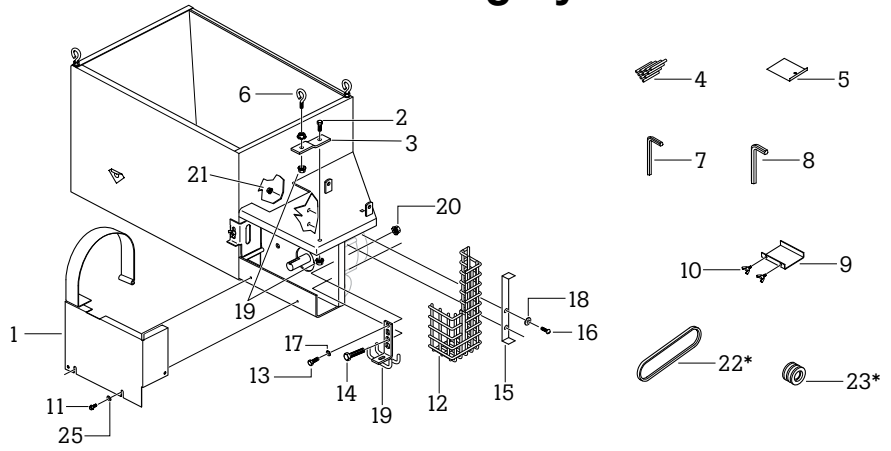
**WARNING:**

\*This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



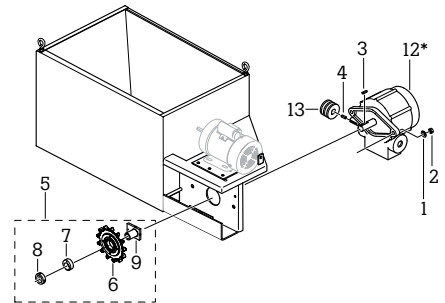
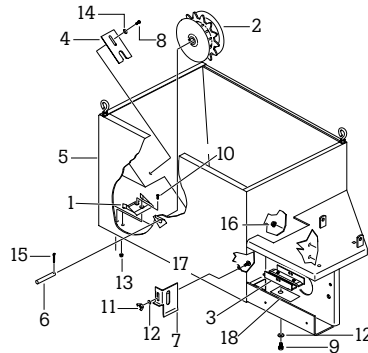
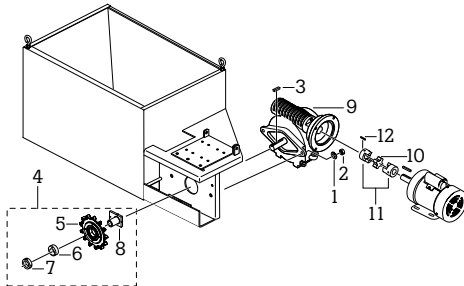
# Big Dutchman Champion® Floor Chain Feeding Systems

- 1) #BD10-BJ-0004..... Guard, Belt Sprocket
- 2) #BD99-10-0096..... Bolt, 3/8-16 x 1.0"
- 3) #BD10-00-0008..... Strap, Rack Hanger
- 4) #BD10-00-0068..... Shear Pin
- 5) #BD10-00-0625..... Baffle, Feed Guard
- 6) #BD99-50-0091..... Eye Bolt
- 7) #BD99-50-0150..... Allen Wrench, 1/8"
- 8) #BD99-50-0152..... Allen Wrench, 5/32"
- 9) #BD10-00-0063..... Cover, Cleanout
- 10) #BD99-10-0110..... Bolt, 1/4-20 x 1/2"
- 11) #BD99-10-1139..... Bolt, 5/16-18 x .38"
- 12) #BD10-00-9576..... Wire Belt Guard, Bottom
- 13) #BD99-10-0283..... Bolt, 5/16-18 x 1.0"
- 14) #BD99-10-0733..... Bolt, 1/2-13 x 2.0"
- 15) #BD10-00-9578..... Bracket, Bottom Belt
- 16) #BD99-10-0373..... Machine screw, 1/4-20 x 1/2"
- 17) #BD99-20-0111..... Washer, 5/16"
- 18) #BD99-21-0006..... Washer, 1/4 x 1.0" O.D.
- 19) #BD10-00-1025..... Stripper, Chain, Universal
- 20) #BD99-20-0100..... Kep Nut, 5/16-18
- 21) #BD99-20-0047..... Kep Nut, 1/4-20



Description	22* Belt	23* .625" Bore Motor Sheave	23* .87" Bore Motor Sheave	23* 1.12" Bore Motor Sheave
20 FPM/60 HZ	BD99-50-0145	BD10-20-0004	NA	NA
20/40 FPM/60 HZ	BD99-54-0001	BD99-53-0004	NA	NA
60 FPM/60 HZ	BD99-54-0006	BD99-53-0010	NA	NA
60 FPM/50 HZ	BD99-54-0005	BD99-53-0101	BD99-53-0102	NA
120 FPM/60 HZ	BD99-54-0044	BD99-53-0084	NA	NA
120 FPM/50 HZ	BD99-50-1005	BD99-53-0121	BD99-53-0122	BD99-53-0123

**⚠ WARNING:** This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



- 1) #BD99-20-0090..... Washer, Split-Lock 1/2"
- 2) #BD99-20-0105..... Hex Nut, 1/2-13
- 3) #BD99-50-0019..... Square Key, 1/4" x 1-7/8"
- 4) #BD10-03-2027..... Sprocket, Drive Assembly
- 5) #BD10-00-9543..... Sprocket-Power-3/4 in. Rev.
- 6) #BD10-00-9544..... Hub, F/Eccentric Sprocket
- 7) #BD10-00-9061..... Collar, F/Eccentric Hub
- 8) #BD10-00-9600..... Hub, Shear Pin Sprocket
- 9) #BD10-00-0376..... Reducer
- 10) #BD10-00-9662..... Coupling, Spider
- 11) #BD10-00-9661..... Coupling Body, Gear Reducer
- 12) #BD10-00-9661..... Square Key, 3/16" x 3/4"

- 1) #BD10-00-0135..... Chain Guide
- 2) #BD10-00-0197..... Feed Return Wheel
- 3) #BD10-00-0337..... Power Shoe
- 4) #BD10-04-1005..... Feed Return Wheel Slide
- 5) #BD10-04-1010..... Feeder Body
- 6) #BD10-22-0006..... Shaft
- 7) #BD10-BK-6007..... Feed Gate
- 8) #BD99-10-0206..... Bolt, 1/4-20 x 1/2"
- 9) #BD99-10-0261..... Bolt, 3/8-16 x 5/8"
- 10) #BD99-10-1133..... Screw, 1/4-20 x .63" Flat Head Allen
- 11) #BD99-20-0041..... Wing Nut, 5/16-18
- 12) #BD99-20-0111..... Washer, 5/16"
- 13) #BD99-20-0134..... Hex Nut, 1/4-20
- 14) #BD99-21-0003..... Washer, 1/4"
- 15) #BD99-50-0868..... Cotter Pin, 1/8" x 1 1/4"
- 16) #BD99-20-0047..... Kep Nut, 1/4-20
- 17) #BD99-10-1520..... Crg. Bolt, 5/16-18 x 3/4"
- 18) #BD10-00-0621..... Shim Plate, Power Shoe, 10 Ga.
- 18) #BD10-00-0622..... Shim Plate, Power Shoe, 14 Ga.
- 18) #BD10-00-0623..... Shim Plate, Power Shoe, 18 Ga.
- 18) #BD10-00-0624..... Shim Plate, Power Shoe, 22 Ga.

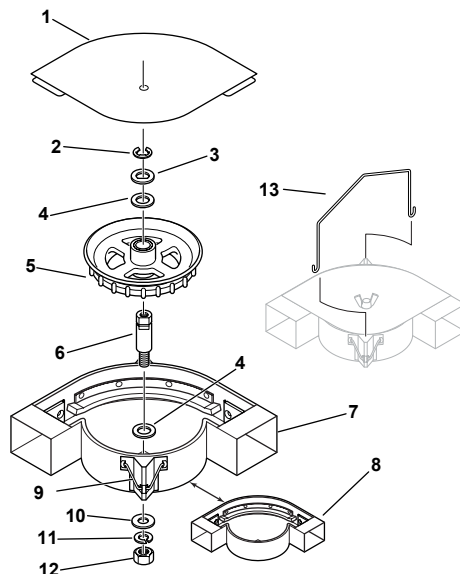
- 1) #BD99-20-0090..... Washer, Split-Lock 1/2"
- 2) #BD99-20-0105..... Hex Nut, 1/2-13
- 3) #BD99-50-0019..... Square Key, 1/4" x 1 7/8"
- 4) #BD99-50-0020..... Square Key, .187" x 1 1/4"
- 5) #BD10-00-0380..... Sprocket, Drive Assembly
- 6) #BD10-00-9543..... Sprocket, Power, 3/4" Rev.
- 7) #BD86-00-2098..... Hub, F/Eccentric Sprocket
- 8) #BD83-00-2095..... Collar, F/Eccentric Hub
- 9) #BD10-00-9600..... Hub, Shear Pin Sprocket

Description	12" Reducer	13 Sheave
20 fpm/60 Hz	BD10-00-0262	BD10-20-0004
20/40 fpm/60 Hz	BD10-00-0266	BD99-53-0005
60 fpm/60 Hz	BD10-00-0284	BD99-53-0007
60 fpm/50 Hz	BD10-00-0284	BD99-53-0007
120 fpm/60 Hz	BD10-00-0371	BD99-53-0042
120 fpm/50 Hz	BD10-00-0371	BD99-53-0042

# Big Dutchman Champion Chain 90° BD15-10-5057

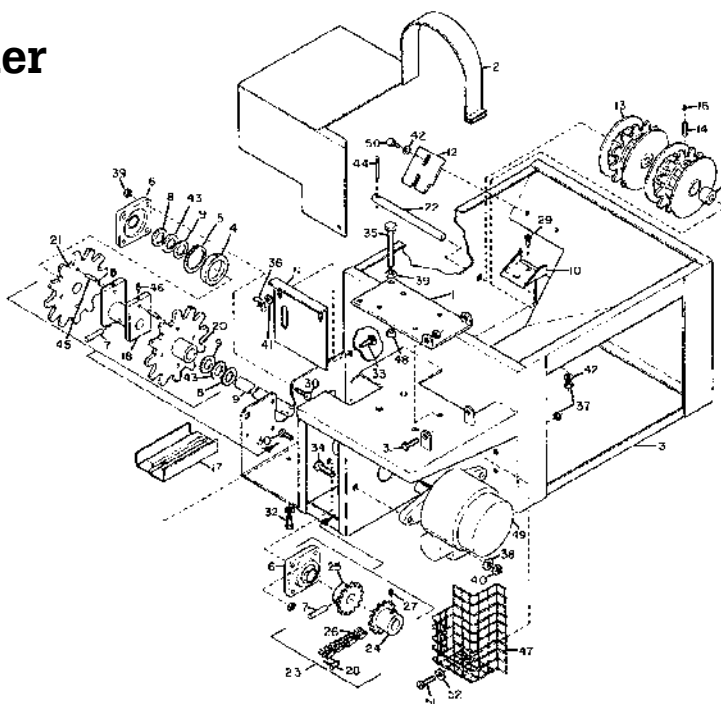
1) #BD83-00-4430.....	Corner Cover
2) #BD15-00-9004.....	Snap Ring
3) #BD15-00-9010.....	Washer
4) #BD99-20-0093.....	Fiber Washer
5) #BD15-10-5167.....	Corner Wheel w/Delrin Bushing
5) #BD15-00-0069.....	Corner Wheel w/Bronze Bushing
6) #BD15-00-9011.....	Corner Post
7) #BD15-10-9206.....	Cage Feeding Corner Body
8) #BD15-10-9106.....	Floor Feeding Corner Body
9) #BD15-00-0204.....	Leg Clip F/Floor Feeding
10) #BD99-20-0128.....	Washer, 1/2"
11) #BD99-20-0090.....	Lock Washer, 1/2"
12) #BD99-20-0105.....	Hex Nut, 1/2-13
13) #BD15-10-9109.....	Bail For Corner
#BD15-10-5053.....	90° Corner Chmp F Leg
#BD15-20-5009.....	Trough 10' Medium Wide
#PP17514.....	Feed Chain Drive Sprocket

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# Big Dutchman 2-Line Chain Feeder

1) #BD10-BJ-00003.....	Plate, motor mount
2) #BD10-02-1030.....	Guard, belt and sprocket
3) #BD10-02-1060.....	Body, hopper
4) #BD10-00-0011.....	Ring, eccentric w/grease fitting
5) #BD10-00-0047.....	Ring, retaining
6) #BD10-00-0060.....	Bearing, flange
7) #BD10-00-0069.....	Pin, drive, 3/8" x 2"
8) #BD10-00-0074.....	Spacer, .125" x 1.062" ID x 1.75" OD
9) #BD10-00-0116.....	Spacer, .031" x 1.062" ID x 1.75" OD
10) #BD10-00-0135.....	Guide, chain
11) #BD10-00-0186.....	Slide, feed
12) #BD10-00-0188.....	Slide, feed return
13) #BD10-00-0197.....	Wheel assembly, feed return
14) #BD10-00-9202.....	Wick, felt oil
15) #BD10-00-9209.....	Bushing
16) #BD99-10-0161.....	Screw, set, 5/16-18 x 1/4"
17) #BD10-00-0337.....	Shoe, power
18) #BD10-30-0009.....	Yoke, shear pin
19) #BD10-30-0013.....	Shaft, power
20) #BD10-30-0017.....	Gear, power
21) #BD10-30-0018.....	Gear, power
22) #BD10-32-0006.....	Axle, feed return wheel
23) #BD10-32-0008.....	Coupler, power assembly
24) #BD10-00-0138.....	Coupler, long power
25) #BD10-00-0139.....	Coupler, short power
26) #BD70-00-9055.....	Chain, double
27) #BD99-10-0161.....	Screw, set, 5/16-18 x 1/4"
28) #BD99-50-0021.....	Link, connector
29) #BD99-10-0031.....	Screw, 1/4-20 x 5/8", FHMS, ZP
30) #BD99-10-0095.....	Screw, 3/8-16 x 1-1/4", HHCS, ZP
31) #BD99-10-0096.....	Screw, 3/8-16 x 1", HHCS, ZP
32) #BD99-10-0138.....	Screw, 3/8-16 x 3/4", HHCS, ZP
33) #BD99-10-0449.....	Screw, 5/16-18 x 3/4", CRG SH neck, ZP
34) #BD99-10-0733.....	Screw, 1/2-13 x 1-3/4", HHCS, ZP
35) #BD99-10-0924.....	Screw, 3/8-16 x 4", HHTB, ZP
36) #BD99-20-0041.....	Nut, wing, 5/16-18, ZP
37) #BD99-20-0047.....	Nut, Kep, 1/4-20, ZP
38) #BD99-20-0090.....	Washer, lock-spring, 1/2"



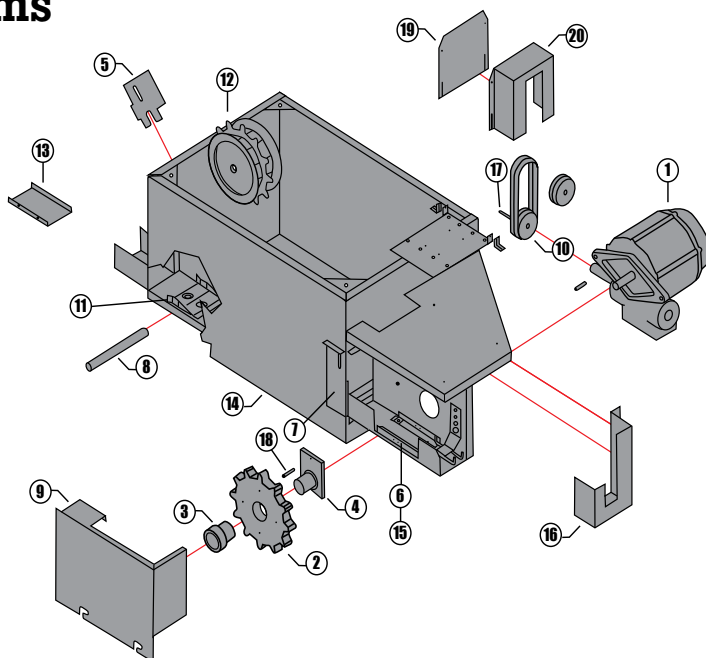
39) #BD99-20-0097.....	Nut, kep, 3/8-16, ZP
40) #BD99-20-0105.....	Nut, hex, 1/2-13, ZP
41) #BD99-20-0111.....	Washer, flat, 5/16", ZP
42) #BD99-20-0336.....	Washer, flat, 1/4", ZP
43) #BD99-20-0338.....	Washer, wave, 1" ID x 1.5" OD
44) #BD99-50-0868.....	Cotter Pin, 1/8" x 1-1/4"
45) #BD10-00-0068.....	Shear Pin, 3/16" x 1-1/4"
46) #BD99-10-0026.....	Screw, set 1/4-20 x 1/4"
47) #BD10-00-9576.....	Guard, bottom belt, wire
48) #BD99-50-9316.....	Cap, rubber
49) #BD10-00-0284.....	Reducer, 52.5-1 ratio (10CC5600)
49) #BD10-00-0266.....	Reducer, 107-1 ratio, (10CC5000)
50) #BD99-10-0373.....	Screw, 1/4-20 x 1/2", THMS, ZP
51) #BD99-10-0370.....	Screw, 1/4-20 x 3/4", RHMS, ZP
52) #BD99-21-0006.....	Washer, flat, 1/4", ZP

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# Cumberland Chain Feeding Systems

## 1 Line, 60fpm Hopper - Complete #GC4920000

- |                |       |  |
|----------------|-------|--|
| 1) #G07097737  | ..... | Gear Reducer 10-00-0284 RH               |
| 2) #G07099141  | ..... | Reversible Drive Sprocket                |
| 3) #G07099142  | ..... | Drive Sprocket Hub                       |
| 4) #G07097510  | ..... | One Line Yoke Assembly                   |
| 5) #G07097514  | ..... | Feed Return Wheel Slide                  |
| 6) #G07097515  | ..... | Power Shoe Shim Plate                    |
| 7) #G07098901  | ..... | Feed Level Plate                         |
| 8) #G07097522  | ..... | Feed Return Wheel Shaft                  |
| 9) #G07097535  | ..... | Gearbox Drive Sprocket Cover             |
| 10) #G07097579 | ..... | Sheave .750 Bore x 3" O.D. Double Groove |
| 11) #G07097598 | ..... | Hopper Chain Guide                       |
| 12) #G07097609 | ..... | Intake Wheel Weldment                    |
| 13) #G07097717 | ..... | Clean-Out Cover-Trough                   |
| 14) #G07097730 | ..... | 1-Line Hopper Drive Unit Weldment Assy.  |
| 15) #G07097731 | ..... | Power Shoe Wear Plate Assy.              |
| 16) #G07097654 | ..... | Pulley Shield Lower                      |
| 17) #G07098283 | ..... | 3/16" x 1-1/4" Key                       |
| 18) #G01060124 | ..... | Shear Pin (Soft Grade)                   |
| 18) #G07099512 | ..... | Shear Pin (Medium Grade)                 |
| 18) #G07099513 | ..... | Shear Pin (Hard Grade)                   |
| 19) #G07098225 | ..... | Belt Guard Back Plate                    |
| 20) #G07098224 | ..... | Belt Guard Front Plate                   |

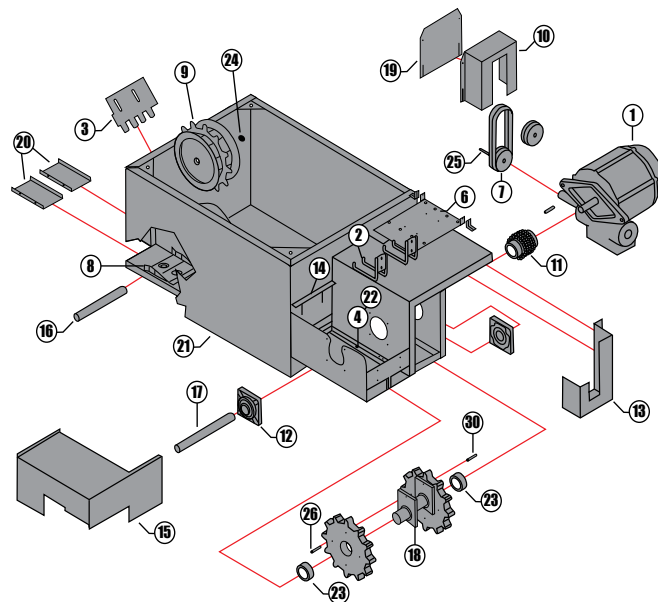


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## 2 Line, 60fpm Mini Hopper - Complete #GC4920001-60

- |                |       |  |
|----------------|-------|--|
| 1) #G07097737  | ..... | Gear Reducer 10-00-0284 RH               |
| 2) #G07097506  | ..... | Chain Stripper Weldment                  |
| 3) #G07099362  | ..... | Feed Return Wheel Slide                  |
| 4) #G0709751   | ..... | Power Shoe Shim Plate                    |
| 5) #G07097544  | ..... | Motor Mount Support Angle                |
| 6) #G07098748  | ..... | Motor Mount                              |
| 7) #G07097579  | ..... | Sheave .750 Bore x 3" O.D. Double Groove |
| 8) #G07097598  | ..... | Hopper Chain Guide                       |
| 9) #G07097609  | ..... | Intake Wheel Weldment                    |
| 10) #G07098224 | ..... | Belt Guard Front Plate                   |
| 11) #G07097651 | ..... | Coupler #40 Chain 18 Tooth Assembly      |
| 12) #G07097652 | ..... | Bearing 1" Flange 4-Hole                 |
| 13) #G07097654 | ..... | Pulley Shield Lower                      |
| 14) #G07097675 | ..... | Feed Level Plate                         |
| 15) #G07097676 | ..... | Drive Guard Assembly                     |
| 16) #G07097681 | ..... | Intake Wheel Shaft                       |
| 17) #G07097682 | ..... | Drive Shaft                              |
| 18) #G07097696 | ..... | Yoke Assembly                            |
| 19) #G07098225 | ..... | Belt Guard Back Plate                    |
| 20) #G07097717 | ..... | Clean-Out Cover-Trough                   |
| 21) #G07097719 | ..... | 2-Line Hopper-Drive Unit Weld Assembly   |
| 22) #G07097731 | ..... | Power Shoe Wear Plate Assembly           |
| 23) #G07099143 | ..... | Drive Sprocket Hub                       |
| 24) #G07097637 | ..... | Oil Impregnated Bushing                  |
| 25) #G07098283 | ..... | 3/16" x 1-1/4" Key                       |
| 26) #G01060124 | ..... | Shear Pin (Soft Grade)                   |



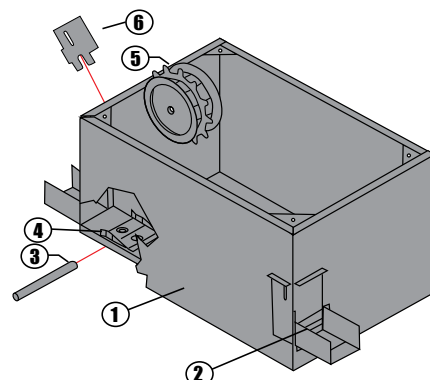
- |                |       |                        |
|----------------|-------|------------------------|
| 26) #G07098283 | ..... | Key 3/16" x 1/4"       |
| 26) #G07099513 | ..... | Shear Pin (Hard Grade) |

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## 1-Line Hopper (fill only) Replacement Parts

- |               |       |   |
|---------------|-------|---|
| #G07097525D   | ..... | One-Line Mini-Hopper (FILL ONLY) Complete |
| 1) #G07099050 | ..... | One-Line (FILL ONLY) Wrapper Weldment     |
| 2) #G07098901 | ..... | Feed Level Plate                          |
| 3) #G07097522 | ..... | Feed Return Wheel Shaft                   |
| 4) #G07097598 | ..... | Hopper Chain Guide                        |
| 5) #G07097609 | ..... | Intake Wheel Weldment                     |
| 6) #G07097514 | ..... | Feed Return Wheel Slide                   |



### ⚠ WARNING:

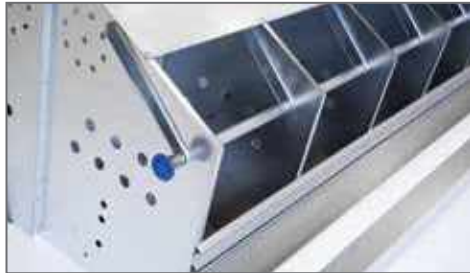
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## GrowerSELECT<sup>®</sup> Nest Systems

Maximize breeder flock production with a comfortable, secure nesting system from GrowerSELECT. Choose from center or side belt models with 8 or 10 holes per side (16 or 20 total). Side-belt (5") and center-belt (8") egg collection options available. Either nest accepts cloth or poly belts. Heavy galvanized metal construction.



Choose from manual nest closure or integrated tube closure for automated systems.



Open grill polypropylene nest bottom permits trash to fall through and improves air circulation. Choose from turf style or rubber finger pads.



Includes poly Comfort Perch ergonomically designed to increase bird comfort. Mushroom shape fits bird paw promoting better balance.



Two nest width sizes of 9.5 and 12 inches are available. Open top design allows hens easy access to the nests.

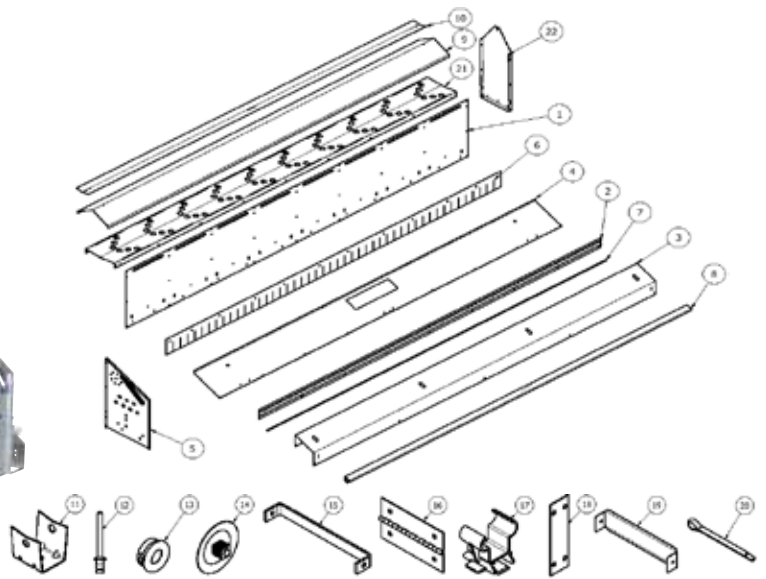


## GrowerSELECT<sup>®</sup> Collection Tables

Simplify egg gathering with GrowerSELECT collection tables. Innovative pinch roller design maintains belt tension to reduce slippage. Top shelf adjusts height without tools. Preprogrammed controller features "soft start/stop" to reduce egg damage while PVC guide rail safety directs eggs to the collection point.

- Available in Center-belt and side-belt models
- Table height is adjustable from 27" to 42"
- Magnetic vinyl coated table tops are easily removed for cleaning.
- Self-regulating tensioning device permits greater range of adjustment.
- Pre-wired NEMA4X controller requires no programming with "Soft start and stop"
- Belt speed of 17 to 27 fpm.
- Large collection trays under table collect dirt and debris.





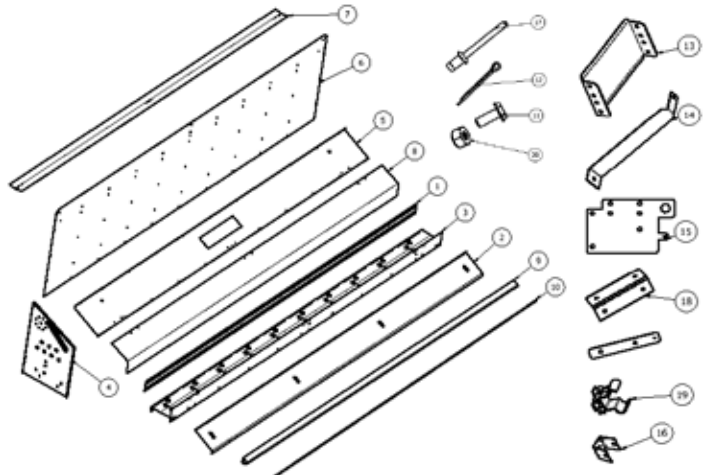
### GrowerSELECT Center Belt Nest Breakdown

Key	16-hole #	20-hole #	Description
1	GSN-2109	GSN-2209	CB Back, 16 Hole
2	GSN-2004	GSN-1604	Stringer, 16 Hole
3	GSN-2107	GSN-2207	CB Front, 16 Hole
4	GSN-2102S	GSN-2007S	CB Top, 16 Hole
5	GSN-2005GS		Partition, Universal
6	GSN-2111		CB Egg Belt Curtain
7	GSN-2006		Wire, Bottom Support, Galv #5 95.125", Universal
8	GSN-2310		Perch, Extruded
9	GSN-2101		CB Conveyor Cover
10	GSN-2009		Flipper, 8ft Universal
11	GSN-2017		Perch Support Bracket, Universal

#### WARNING:

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Key	16-hole #	20-hole #	Description
12	GSN-2120		Rivet Pop 3/16" Aluminum
13	GSN-2019		Grommet Heyco-2514 Black
14	GSN-2114		Black Nylon Insulation Retainer
15	GSN-2115		CB Front Brace, Universal
16	GSN-2124		Hinge Front Lid, 1.97" X 3.5" SS
17	GSN-2311		Perch Retainer Bracket
18	GSN-2210		Splice Plate
19	GSN-2122		CB Egg Tray Brace
20	606940		Pin Cotter 3/32" X 1" Extended Prong Zinc
21	GSN-2103	GSN-2203	CB Egg Tray
22	GSN-2110		CB End



### GrowerSELECT Side Belt Nest Breakdown

Key	16-hole #	20-hole #	Description
1	GSN-1604	GSN-2004	Stringer
2	GSN-2002		SB Egg Tray Cover
3	GSN-2003A	GSN-1603A	SB Egg Tray Assembly
4	GSN-2005GS		Partition, Univ
5	GSN-2102S	GSN-2007S	Top 9.6" With Decal
6	GSN-2008	GSN-1608	SB Back
7	GSN-2009		Flipper, 8 Ft Univ.
8	GSN-2123		Closure, Front Lid
9	GSN-2310		Perch, Extruded
10	GSN-2006		Support Rod
11	616517		Screw Machine 10-24 X 1/2" Hex Unslotted Zinc

#### WARNING:

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Key	16-hole #	20-hole #	Description
12	606940		Pin Cotter 3/32" X 1" Extended Prong Zinc
13	GSN-2012		SB Egg Tray Connector
14	GSN-2013		SB Egg Tray Brace
15	GSN-2014		SB Suspension Bracket
16	GSN-2017		Brkt: Perch/Rod Support Univ.
17	GSN-2120		Rivet, Pop 3/16 ALAM #62
18	GSN-2124		hinge, front lid
19	GSN-2311		Perch Hanger
20	1137014		Nut Hex Nyloc 10-24 Zinc
21	GSN-2011		SB Center Flipper Brkt

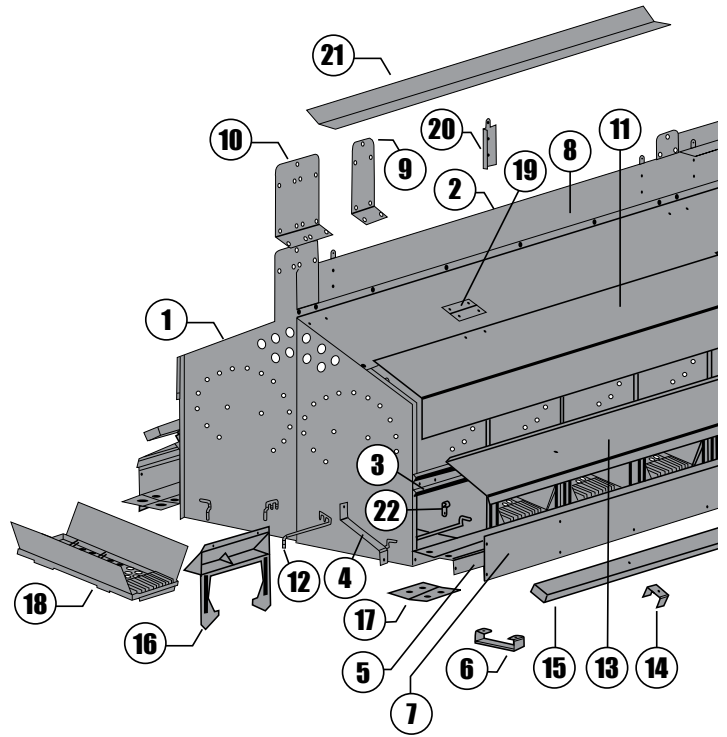




## Cumberland Side Belt Nest Breakdown

### GFRN16, GFRN20 Nest Assembly

Key	#GFRN 16	#GFRN 20	Description
1	#G07101221	#G07101221	Nest Panel
2	#GC5000028	#G07101219	Back Panel
3	#GC5000031	#G07101218	Stringer
4	#G07101206	#G07101206	Center Tray Brace
5	#GC5000034	#G07101223	Egg Tray
6	#G07101229	#G07101229	Egg Belt Guide
7	#GC5000032	#G07101222	Egg Tray Front Plate
8	#GC5000029	#G07101217	Nest Top
9	#G07101355	#G07101355	Winch Bracket
10	#G07101403	#G07101403	Connecting Winch Bracket
11	#GC5000043	#GC5100000	Swing Top with Decals
12	#GC5000026	#GC5000026	Support Rod
13	#GC5000033	#G07101215	Egg Tray Cover
14	#G07101211	#G07101211	Nest Panel
15	#G07101292	#G07101292	Perch Board
16	#GC5000023	#G07101296	Blinder
17	#G07101247	#G07101247	Splice Plate
18	#GC5000022	#G07101293	Nest Bottom
19	#G30-0221	#G30-0221	Hinge 2" x 3.5" SS
21	#GC5000056	#GC5000056	Flipper
22	#G07101297	#G07101297	Clamp Tubing .375"
NS	#GS-1101	#GS-1101	Bolt 1/4-20 x 1/2 HHCS
NS	#GS-1102	#GS-1102	Nut Hex 1/4-20
NS	#GS-8302	#GS-8302	Screw MS 10-24 x 2-1/4" RHS
NS	#GS-2010	#GS-2010	Nut Nylock 10-24



#### **WARNING:**

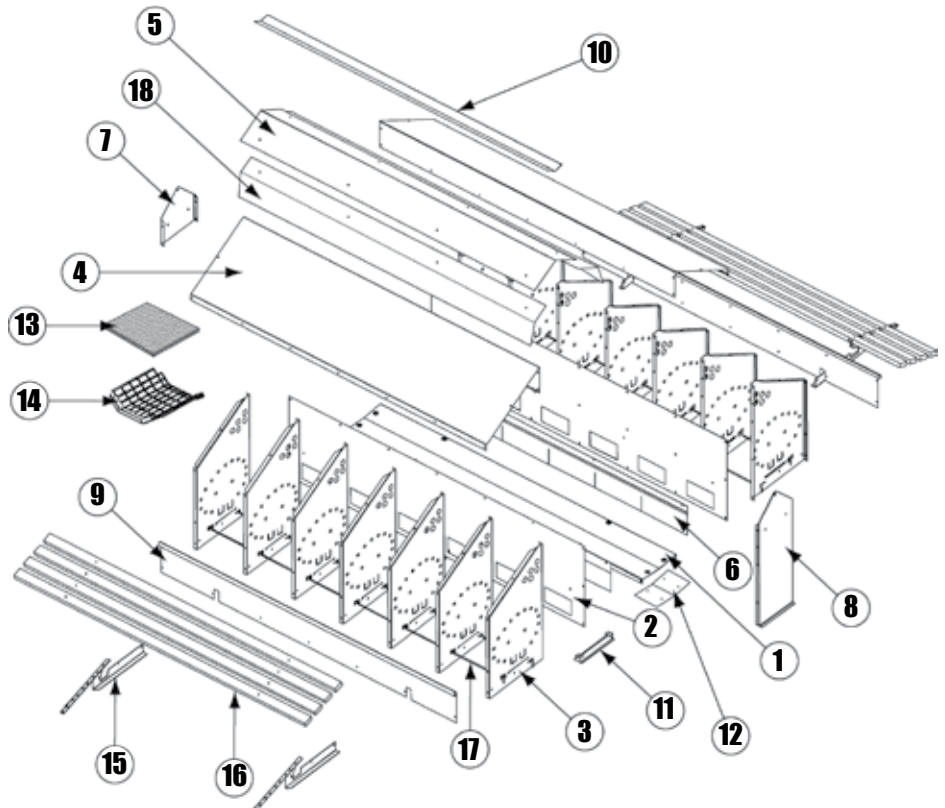
This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

Key	#GFRN 16	#GFRN 20	Description
NS	#GS-4322	#GS-4322	Pin Cotter 3/32" x 1.00"
NS	#GS-7222	#GS-7222	Rivet Alum. 3/16" x 3/8"
NS	#GS-7235	#GS-7235	Rivet Steel 3/16" x 1/2"
NS	#GS-7236	#GS-7236	Rivet Steel 3/16" x 3/4"



## GAN12 Cumberland Center Belt Nest Breakdown

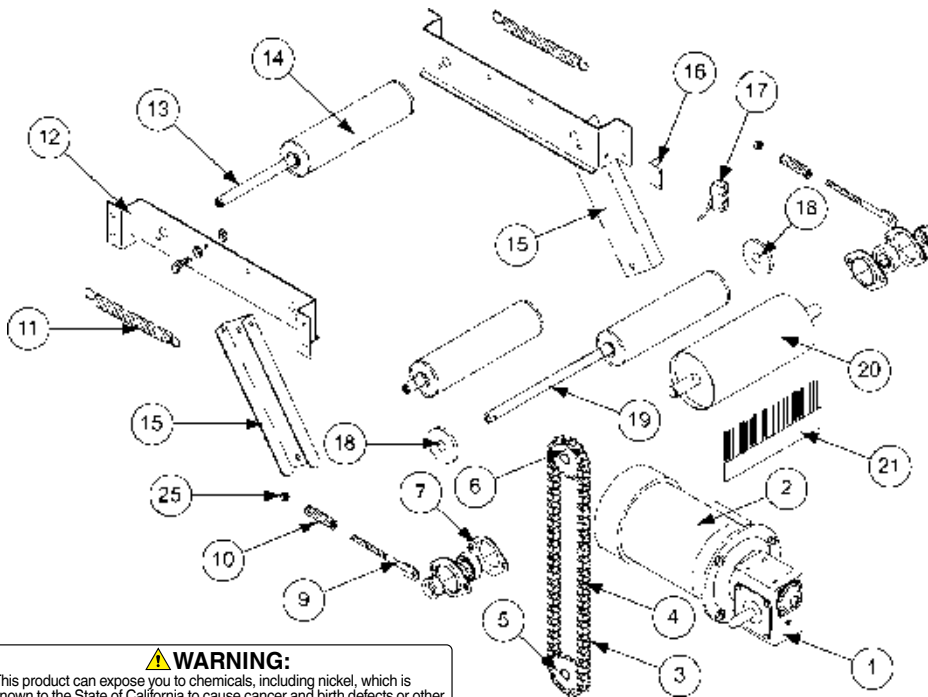
1)	#G07097732	.....Egg Tray
2)	#G07097658	.....Back Panel
3)	#G07097660	.....Nest Panel
4)	#G07097661	.....Top Panel
5)	#G07097662	.....Top Cover
6)	#G07097943	.....Web Retainer Assembly
7)	#G07097664	.....Short Center End Plate
8)	#G07097665	.....Long Center End Plate
9)	#G07097666	.....Front Bottom Strap
10)	#G07097668	.....Flipper
11)	#G07097670	.....Egg Belt Guide
12)	#G07097671	.....Egg Tray Splice Plate
13)	#G07099166	.....Gray Nest Pad (12 Hole)
14)	#G07101428	.....Coated Wire Nest Bottom
15)	#G07098228	.....Perch Bracket Assembly
16)	#G07097986	.....Perch Board - AN12
17)	#GC5000027	.....Nest Bottom Support Rod
18)	#G07100688	.....Top Cover Retainer



#### **WARNING:**

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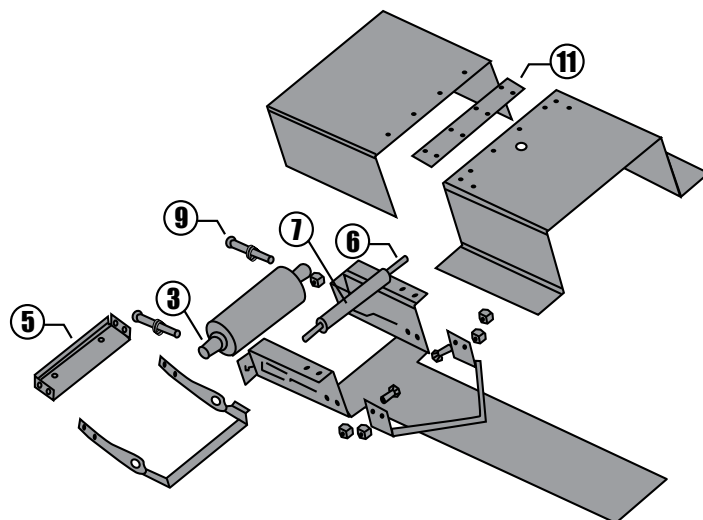


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## Cumberland Center Belt Drive Assembly

- 1) #G07099243..... 40-1 Ratio Gearbox
- 2) #WW9D21 ..... 1/2 Hp C-Face DC Motor (90 Volt)
- 3) #GS-6290 ..... #40 Roller Chain
- 4) #GD02-0031 ..... Connecting Link - #40 Chain
- 5) #G07099244 ..... 1" Bore 4016 Chain Sprocket
- 6) #G07098656 ..... 3/4" Bore 4016 Chain Sprocket
- 7) #G07097778 ..... Bearing w/ Collar
- 9) #G07097768 ..... 5/16" x 5-3/4" Adjustment Rod
- 10) #G07097780 ..... Compression Spring
- 11) #G07097836 ..... Extension Spring (Idler)
- 12) #G07098667 ..... Idler Roller Bracket
- 12) #G07098682 ..... Spring Tensioner Bracket
- 13) #G07097763 ..... Intermediate Roller Shaft
- 14) #G071016A7 ..... Belt Rollers
- 15) #G07097766 ..... Idler Arm
- 16) #G07097782 ..... Switch Mounting Bracket
- 17) #G0401064 ..... Micro Switch #BA-2RV178-A2
- 18) #GBLK-10164 ..... Plastic Pulley
- N/S) #GS-4307 ..... 5/8" Locking Collar
- 19) #G07098696 ..... Roller Shaft - Pinch Roller
- 20) #G07098707 ..... Drive Roller Weldment
- 21) #G07100226 ..... Brush and PVC Bracket
- N/S) #G07097769 ..... Adjusting Tab
- N/S) #GS-396 ..... Hex Nut 5/16"-18 Zinc YDP Grade 2
- 25) #GS-5220 ..... 5/16" Deformed Lock Nut
- N/S) #G07099955 ..... Link Offset #40 Chain-Half Link



#G07099043:  
Complete Return Idler Assembly  
for Center Belt Systems

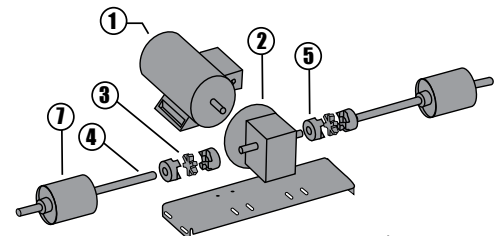
## Cumberland Center Belt Return Idler Assembly

- 3) #G07101312..... End Roll Axle
- 5) #G07101311..... Brush Bracket
- 6) #G07101304..... Idler Rod
- 7) #G07101339..... Idler Roller
- 9) #GS-7086..... Bolt 5/16" - 18 x 3"
- 11) #G07099615..... Hinge
- N/S) #G07101358..... Brush and Bracket
- N/S) #GDC-887..... Decal, Belt Direction
- N/S) #GS-396..... Nut 5/16" - 18
- N/S) #GS-4303..... Bolt 5/16" - 18 x 3/4"
- N/S) #GS-7499..... Thumb Screw #10-32

**⚠ WARNING:**

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## Cumberland Side Belt Power Unit Assembly

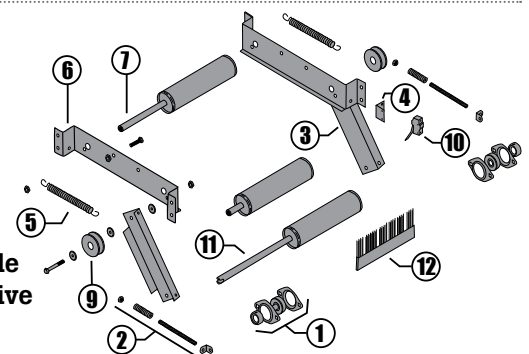


- 1) #WW9D21 ..... 1/2 Hp Motor
- 2) #G07101418 ..... Gearbox - 40:1
- 3) #GS2-0012 ..... Spider Coupler
- 4) #G07098697 ..... Drive Shaft
- 5) #GS0-0008 ..... 3/4" Shaft Coupler
- 7) #G07101414 ..... Drive Roller Assy.

**⚠ WARNING:**

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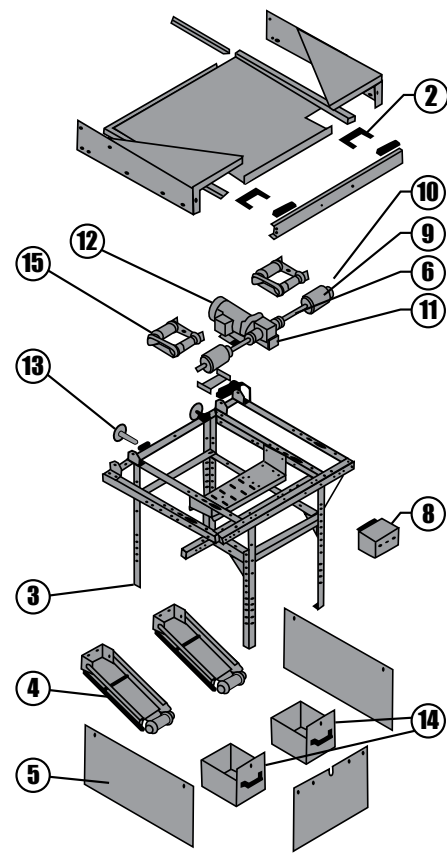
## Cumberland Side Belt Internal Drive Assembly



- 1) #G07097778 ..... 3/4" Bearing Assy.
- 2) #G07097767 ..... Spring Tensioner W.A.
- 3) #G07097766 ..... Idler Arm
- 4) #G07097782 ..... Switch Mounting Bkt.
- 5) #G07097836 ..... Extension Spring (Idler)
- 6) #G07098667 ..... Idler Roller Bkt.
- 7) #G07101412 ..... Internal Roller Shaft
- 9) #GBLK-10164 ..... Plastic Pulley
- 10) #G00401064 ..... Micro Switch
- 11) #G07101413 ..... Pinch Roller Shaft
- 12) #G07100226 ..... Belt Brush

**⚠ WARNING:**

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### Shenandoah SEGS T/98 Collection Table

- 2) #AGL16-8978 ..... Wear Plate
- 3) #AGL16-34085 ..... Lower Leg
- 4) #AGL16-35036 ..... Swing Arm Assembly
- 5) #AGL16-35084 ..... Side Guard Panel
- 6) #AGL16-35138 ..... Shaft
- 8) #125DV-C ..... Electric Box Complete
- 9) #AGL16-37067 ..... Vulcanized Drum Pulley
- 10) #BRHSBPP204-12 ..... Pillow Block
- 11) #AGL16-37690 ..... 50:1 Gear Reducer
- 11a) #AGL16560240 ..... 60:1 New Style Gear Reducer w/ Coupler
- 12) #WW9D21 ..... 1/2 Hp Motor
- 13) #AGL16-38747 ..... Alignment Pad
- 14) #AGL16-85834 ..... Metal Litter Pan
- 15) #AGL16-100660 ..... Pinch Roll Kit T/98

#### **WARNING:**

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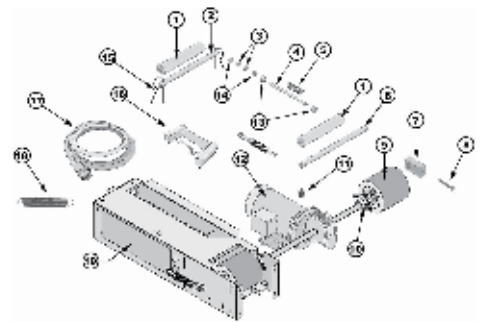
### Nest Bottom

#### Options & Pads

- #AGL16-37352 ..... Black Bottom w/ Clean Out Grill
- #AGL16-37206 ..... Blue Finger Nest Pad (left)
- #AGL16-37197 ..... Grey Astro Style Nest Pad (right)

### New Style Shenandoah Collection Table Drive Unit

- 1) #HSBHN-0008 ..... Roller, Plastic 1.5 OD x .64 ID x 8.0
- 2) #AGL16-103703 ..... Shaft: Return Roll
- 3) #AGL16-63702 ..... Nut: Hex 3/8-16 - Plate
- 4) #AGL16-5031 ..... Rod: Tie Thrd Segs-T/200
- 5) #AGL16-37039 ..... Spring: Compression 3"
- 6) #AGL16-103702 ..... Shaft: Pinch Roll
- 7) #AGL16-103621 ..... Adjuster: Belt Drum
- 8) #AGL16-101498 ..... Screw: Hex Tap 3/8-16 x 3-1/2"
- 9) #AGL16-101483 ..... Pulley: Drive 5 Dia x 5, 3/4" Bore
- 10) #AGL16-101482 ..... Bearing: Flange 3/4" Dia
- 11) #2NPA1 ..... Isolator: Vibration
- 12) #AGL16560240 ..... 60:1 Gear Reducer w/ Coupler
- 12A) #AGL16060098 ..... Motor 1 Hp 180VDC 3450 RPM
- 13) #AGL16-13191700 ..... Washer: Nylon Shoulder
- 14) #AGL16-13200550 ..... Nut: Hex Flg Lck 3/8-16
- 15) #AGL16-101158 ..... Clip: Hitch Pin 1/8 D. x 2-1/2"
- 16) #AGL16560005 ..... Take Up Assy, 4" Egg Belt



- 17) #AGL16-103931 ..... Cordset: Male Graham Cmpl
- 18) #AGL16-101485 ..... Spring: Extension 5/8 X 4-1/2"
- 19) #AGL16500052 ..... Guard, Belt Tensioning

#### **WARNING:**

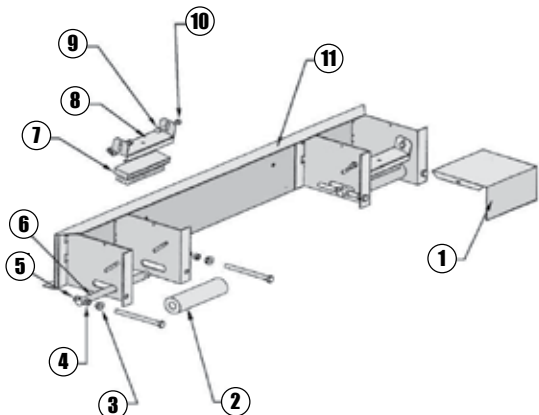
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### Shenandoah Idler Roll Assembly for SEGS T-92/98

- 1) #AGL16-8222 ..... Brush Mount Bracket
- 2) #AGL16-34678 ..... Dust Cover
- 3) #AGL16-35156 ..... Roll Retainer Bracket
- 4) #AGL16-35572 ..... Brush
- 5) #AGL16-35614 ..... Hex Shaft
- 6) #AGL16-37051 ..... PVC Roll Assembly
- 7) #AGL16-37699 ..... Push Nut Retainer Bracket New Style
- 8) #AGL16-34680 ..... Retainer Bracket Old Style

#### **WARNING:**

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### Shenandoah Belt Idler Roll Assembly

- 1) #AGL16-560061 ..... Dust cover
- 2) #HSBHN-0025 ..... Roller
- 3) #AGL16-35629 ..... Serrated flange nut #20 x 1/4"
- 4) #AGL16-63702 ..... Hex nut
- 5) #AGL16-005182 ..... Nylon lock nut
- 6) #AGL16-102977 ..... Shaft for roller
- 7) #HSBHN-0003 ..... Brush for roller
- 8) #AGL16-560060 ..... Brush mounting bracket
- 9) #AGL16-63700 ..... Hex screw
- 10) #AGL16-13200550 ..... Flange lock nut #16 x 3/8"
- 11) #AGL16-560064 ..... Mount frame assembly

#### **WARNING:**

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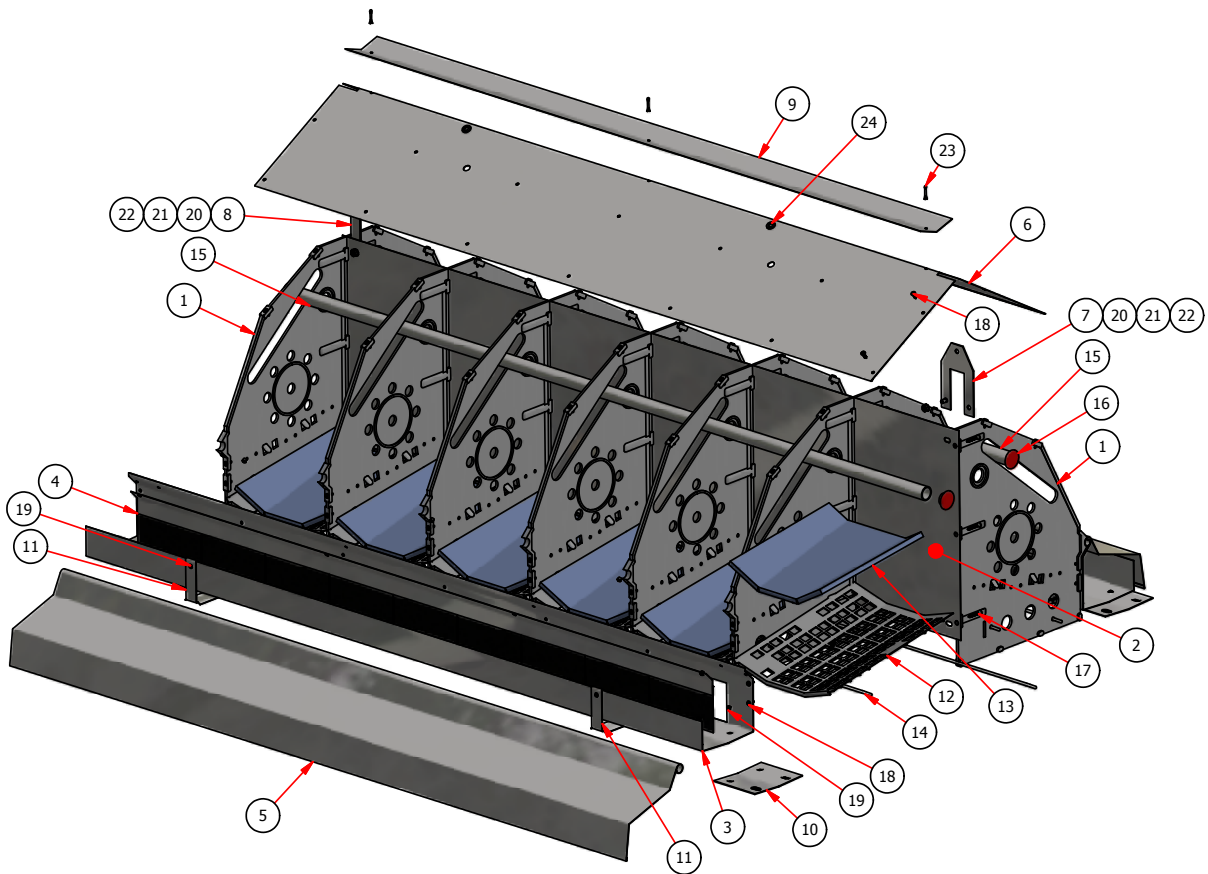
## 5" Dual Belt Nests

- 60" long
- Includes nest pads
- Heavy galvanized construction
- Plastic dividers

#W5220504 ..... Dual Belt Nest

### ⚠ WARNING:

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## Parts List

Item	Qty	Part #	Description
1	14	W2001934	Partition Plastic For Wadeken Side Belt Nest
2	1	W3002747	Back Strip [5" Nest]
3	2	W3002835	Egg Tray For 5Ft Dbl Belt Nest [Side Belt]
4	2	W4001519	Egg Roll-Out Skirt Frame [5In Nests]
5	2	W3002836	Tray Cover For 5Ft Dbl Belt Nest [Side Belt]
6	1	W3002746	5In Dbl Nest Top Cover
7	1	W3002765	Dbl Hanger [5In Nests]
8	1	W3002764	End Hanger [5In Dbl Nests]
9	1	W3002749	5In Dbl. Nest Flipper
10	2	W3002839	Spice Plate 5In Nests
11	4	W3002837	Egg-Tray Belt Guide For 5In Nests
12	12	W2001946	Plastic Bottom For Side Belt Nests

Item	Qty	Part #	Description
13	12	DP202112PB	Pad Nest 11 5/8" X 12 5/8" Blue Gray For Center Belt
14	4	W2001914	3/16 X 60" L Bottom Support Rod
15	2	W3000002	3/4 Metal Conduit 62"
16	4	W2001936	5" Nest Closure Plastic Red Conduit Cap
17	21	W2001940	#6 X 1-1/4 Phil Head Screw
18	60	W2001939	#8-32 X 1/2 Phillip Pan Head Screw
19	16	GSN-2120	Rivet, Pop 3/16 Alam #62
20	2	60500	1/4" X 1/2" Bolt
21	2	W2000730	1/4In Star Lock Washer
22	2	60570	1/4" Hex Nut
23	3	W2000233	Cotter Pin 1/8 X 1
24	4	W2001937	Plastic Grommet For 5" Nest



## 8" Center Belt Nests

- 60" long
- Includes nest pads
- Heavy galvanized construction

#W5220105.....Center belt nest

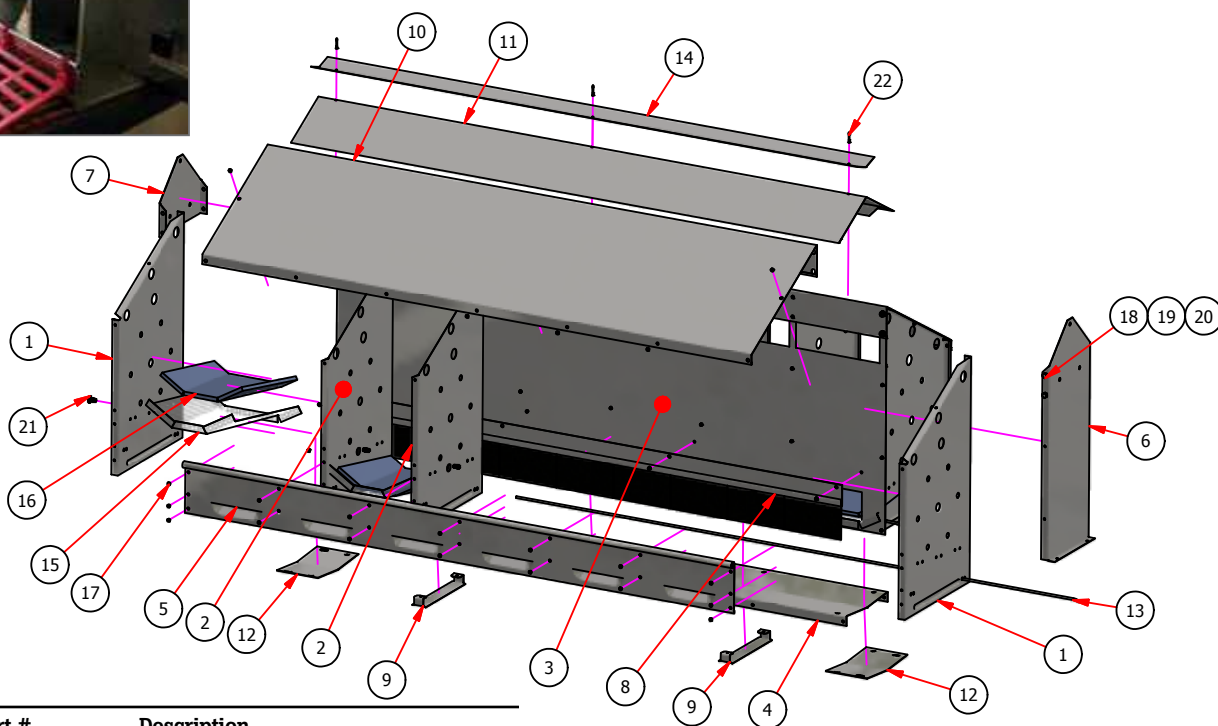
#W5220105LP.....Center belt nest without pads

#DPREDRAMP.....10" x 29" red ramp, 4 per nest



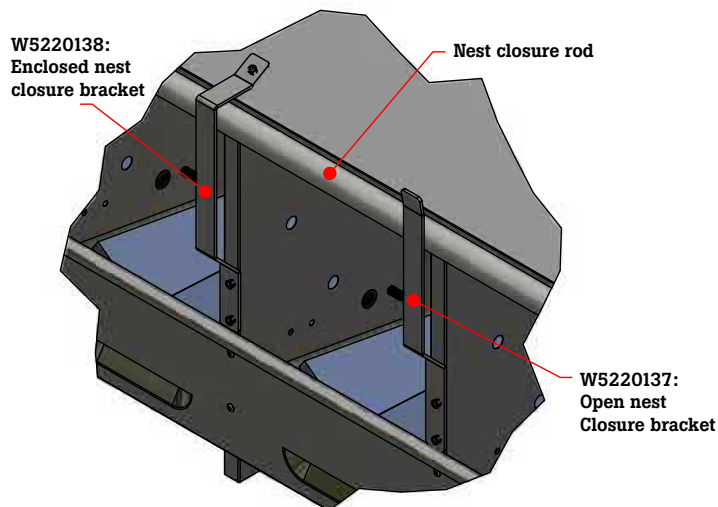
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## Parts List

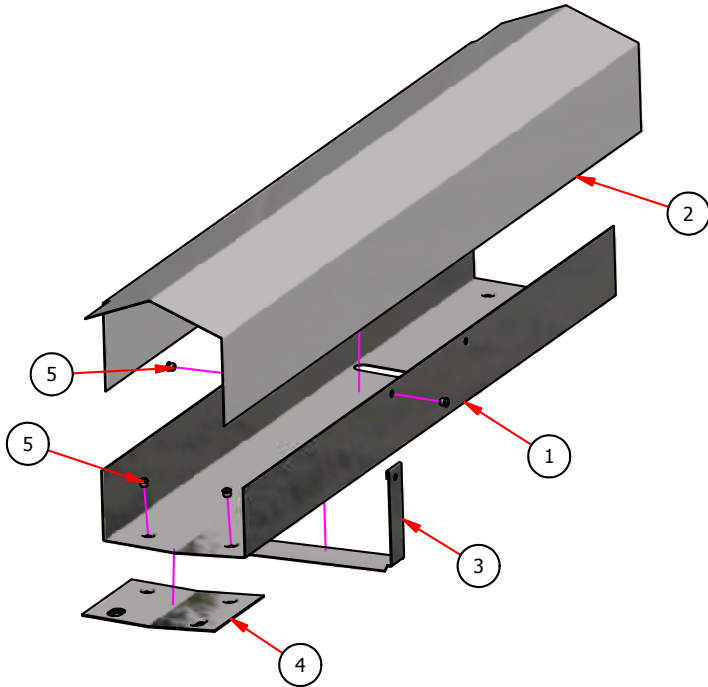
Item	Qty	Part #	Description
1	4	W3002722	End Partition With Stiff Rib
2	10	W3002723	Inner Partition With Stiff Rib
3	2	W3002491	Back Bottom Strip [8" Nest]
4	1	W3002492	8In Ctr Nest Tray 60In Long
5	2	W3002490	Front Bottom Strip W/ Lovers
6	1	W3002501	Long - Center End
7	1	W3002502	Short - Center End
8	2	W4001478	8In Ctr Nest Egg Rollout Skirt Assem
9	2	W3002503	Belt Guide For 8In Ctr. Nests
10	2	W3002489	8In Ctr Nest Top
11	1	W3002488	8In Ctr Nest Top Cover
12	2	W3002507	Spice Plate Ctr Nests
13	2	W2001914	3/16 X 60" L Bottom Support Rod
14	1	W3002493	8In Ctr. Nest Flipper
15	12	W3002508	Wire Nest Bottom
16	12	DP202112PB	Pad Nest 11 5/8" X 12 5/8" Blue Gray For Center Belt
17	126	GSN-2120	Rivet, Pop 3/16 Alam #62
18	8	60500	1/4" X 1/2" Bolt
19	8	W2000730	1/4In Star Lock Washer
20	8	60570	1/4" Hex Nut
21	24	W2001954	Pad Retainer Clips Ratchet Fasteners
22	3	W2000233	Cotter Pin 1/8 X 1



# Belt Trays and Covers

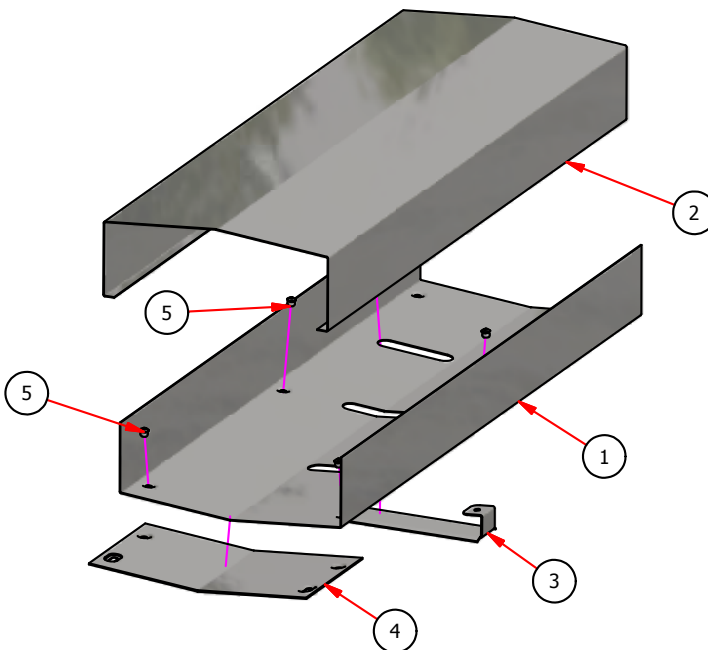
## ⚠ WARNING:

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## 5" Dual Nest

Key	Item#	Description	# of Guides
1	W3002861	12" Egg Tray	
	W3002863	18" Egg Tray	
	W3002865	24" Egg Tray	1
	W3002867	30" Egg Tray	1
	W3002869	36" Egg Tray	1
	W3002871	42" Egg Tray	1
	W3002873	48" Egg Tray	1
	W3002875	60" Egg Tray	2
	W3002877	72" Egg Tray	2
	W3002879	84" Egg Tray	
	W3002881	96" Egg Tray	
2	W3002862	12" Tray Cover	
	W3002864	18" Tray Cover	
	W3002866	24" Tray Cover	
	W3002868	30" Tray Cover	
	W3002870	36" Tray Cover	
	W3002872	42" Tray Cover	
	W3002874	48" Tray Cover	
	W3002876	60" Tray Cover	
	W3002878	72" Tray Cover	
	W3002880	84" Tray Cover	
	W3002882	96" Tray Cover	
3	W3002838	Belt Guide	
4	W3002839	Splice Plate	
5	GSN-2120	3/16 ALAM #62 Pop Rivet	



## 8" Center Nest

Key	Item#	Description	# of Guides
1	W3002812	12" Egg Tray	
	W3002681	18" Egg Tray	
	W3002494	24" Egg Tray	1
	W3002495	30" Egg Tray	1
	W3002496	36" Egg Tray	1
	W3002682	42" Egg Tray	1
	W3002684	60" Egg Tray	2
	W3002685	72" Egg Tray	2
	W3002686	84" Egg Tray	2
	W3002687	96" Egg Tray	2
2	W3002813	12" Tray Cover	
	W3002688	18" Tray Cover	
	W3002498	24" Tray Cover	
	W3002499	30" Tray Cover	
	W3002500	36" Tray Cover	
	W3002689	42" Tray Cover	
	W3002690	48" Tray Cover	
	W3002691	60" Tray Cover	
	W3002692	72" Tray Cover	
	W3002693	84" Tray Cover	
	W3002694	96" Tray Cover	
3	W3002503	Belt Guide	
4	W3002507	Splice Plate	
5	GSN-2120	3/16 ALAM #62 Pop Rivet	

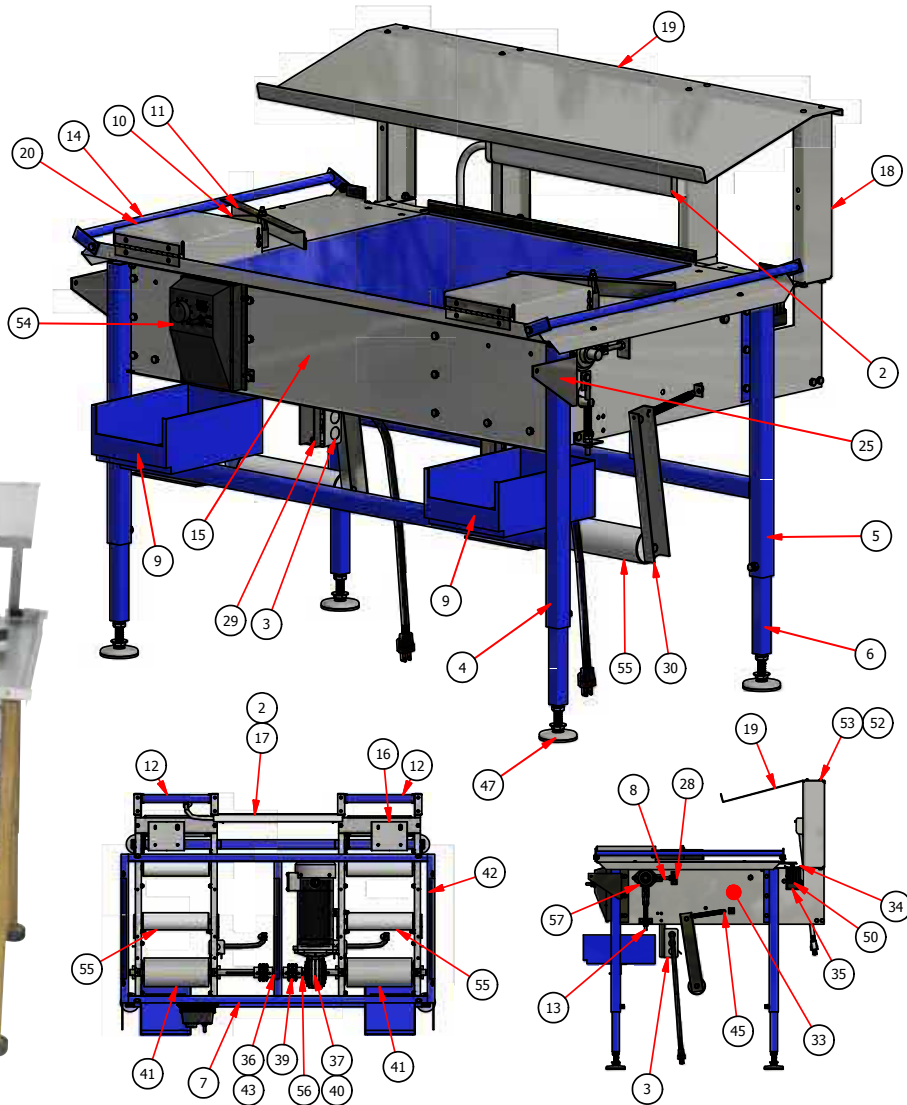


## 5" Dual Belt Table

#W5220501R..... with Reversing Switch

### WARNING:

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## Parts List

Item	Qty	Part #	Description
1	1	W3002847	Table Top Assem. [5" Dbl]
2	1	W4001539	18" Florescent Light Fixture (Discontinued)
3	2	W4001538	Dual Belt Safety Switch Assy.
4	1	W4001533	5" Dbl Belt Front Leg Asy[8811533100]
5	1	W4001534	5" Dbl Belt Rear Leg [8811534100]
6	4	W4001505	Adj Leg 18-7/8" [8811505100]
7	1	W4001535	5" Dbl. Collector Table Supt Assy.[8811535100]
8	2	W4001529	Rod Adj. Drive Roller
9	2	W4001528	Trash Tray Assem For Dbl Belt Collector
10	2	W4001511	Two Direct. Egg Diverter Weld [5" Table]
11	2	W4001514	5" Collect Single Egg Diver. w/ Bumper Assem.
12	2	W4001504	Rear Lifting Handle 9-3/4 [8811504100]
13	4	W4001506	Pinch Roller Adj. Rod
14	2	W4001508	Flip-Up Bar 26-5/16 [8811508100]
15	1	W3002848	Top Front Roller Suppt. (5" Dbl Table)
16	2	W3002839	Spice Plate 5In Nests
17	1	W3002803	Brace Brkt. (5" Dbl Table)
18	4	W3002802	Shelf Supt Brkt [5" Dbl Table]
19	1	W3002801	5" Dbl Belt Ss Shelf
20	2	W3002783	Roller Cover (5" Dbl. Table)
21	2	W3002781	Trash Deflector (5" Dbl Table)
22	2	W3002780	Roller Cover Hinge [6" Table]
23	1	W3002667	Dart Control Mtg. Brkt.
24	1	W3002666	Motor Support Clip
25	1	W3002663R	Front Lifting Lug Right
26	1	W3002663L	Front Lifting Lug Left
27	6	W3002652	Take-Up Arm Spring Clip
28	6	W3002651	Pinch Roller Adj. Clip [Mod.-C]
29	2	W3002650	Safety Switch Mtg. Brkt.

Item	Qty	Part #	Description
30	4	W3002649	Collect. Table Take-Up Arm
31	4	W3002647	Front Roller Supt Angle [Mod.-C]
32	2	W3002640	Collector Table Side Plate R.h.
33	2	W3002639	Collector Table Side Plate L.h.
34	2	W3002516	Brush Plate 8" [Egg Collect]
35	2	W3002515	Brush Holder 5" And 8" [Egg Collect]
36	1	W2001988	Idler End Shaft
37	1	W2001908	Gear Reducer Almr646 / 20:1 Ratio Bxsize 66C
38	4	W2001961	Coupling Chain Half
39	2	W2001960	Chain For Coupling W2001961
40	1	W2001952	Motor 3/4Hp 90V 1800Rpm Model #WPMDC34-18-90V-56CB
41	2	W2001920	4" Drive Roller
42	3	W2001879	Rubber Bummer 1/8 X 3/4 Wide
43	4	616421	3/16 X 3/16 X 1-1/4"L Key Stock
44	1	W2001865	3/16 X 3/16 X 3"L Key Stock
45	4	W2001863	Pinch Roller Spring
46	2	W2001857	Brush Holder Spring
47	4	W2001856	Adj. Foot 1/2-13 Thread Vib. Damp.
48	4	W2001848	Take Up Shaft
49	2	W2001847	Pinch Roller Shaft
50	2	W2001844	3/4 X 1-7/8 X 9Inl Base 2In Belt Brush
51	4	W2001843	Take-Up Arm Spring
52	26	W2001834	#10-24 Keps Lock Nut
53	30	W2001833	#10-24 X 1/2 Pan Head Screw
54	1	W2001832	Dart Speed Controler W/ Three Hole Base
55	6	W2001824A	PVC Roller 9-3/8"
56	1	W2001760	3/4" Set Screw Collar
57	4	GSN-5234	Bearing

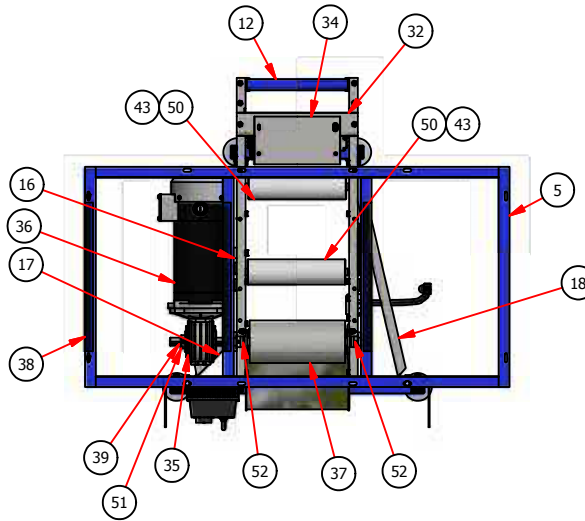
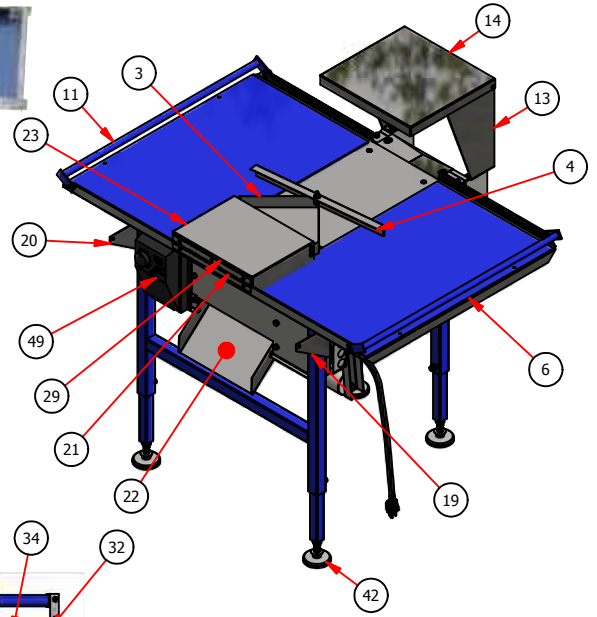
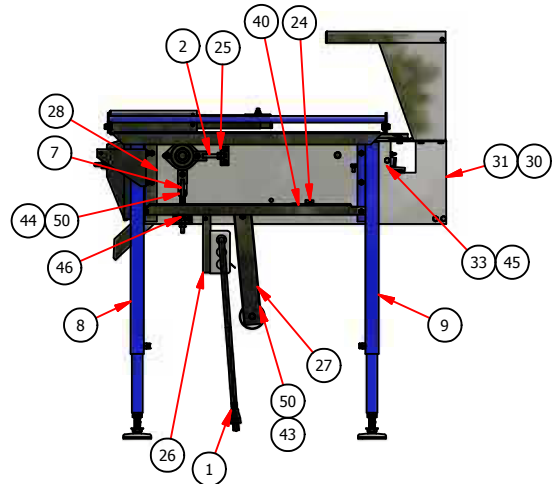




## 8" Center Belt Collection Table

#W5222104 ..... with Reversing Switch

**WARNING:**  
This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

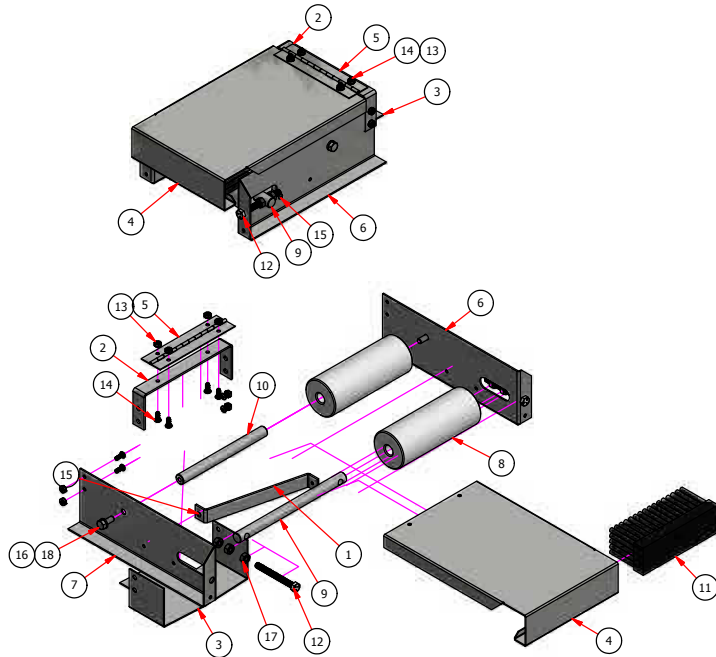


### Parts List

Item	Qty	Part #	Description
1	1	W4001538	Dual Belt Safety Switch Assy.
2	1	W4001529	Rod Adj. Drive Roller
3	1	W4001510	Two Direct. Egg Diverter Welded [8In Table]
4	1	W4001509	8" Collect Single Egg Diver. w/ Bumper Assem.
5	1	W4001503	8" Collector Table Supt Assy.[8811503100]
6	1	W4001507	Table Top Assem. [8" Cb.]
7	2	W4001506	Pinch Roller Adj. Rod
8	1	W4001501	Front Leg Assy 8" Table [8811501100]
9	1	W4001502	Rear Leg Assy [8811502100]
10	4	W4001505	Adj Leg 18-7/8" [8811505100]
11	2	W4001508	Flip -Up Bar 26-5/16 [8811508100]
12	1	W4001504	Rear Lifting Handle 9-3/4 [8811504100]
13	1	W3002669	Hinged Shelf Supt Brkt Coll. Table
14	1	W3002668	Shelf Short Hinged Brkt [8" Dbl Table]
15	1	W3002667	Dart Control Mtg. Brkt.
16	1	W3002666	Motor Support Clip
17	1	W3002665	Collect. Table L.h. Leg Brace
18	1	W3002664	Collect. Table R.h. Long Leg Brace
19	1	W3002663R	Front Lifting Lug Right
20	1	W3002663L	Front Lifting Lug Left
21	1	W3002662	Roller Cover Hinge [8" Table]
22	1	W3002654	Trash Chute For 8In Cb Table
23	1	W3002653	Roller Cover [8" Cb. Table]
24	3	W3002652	Take-Up Arm Spring Clip
25	3	W3002651	Pinch Roller Adj. Clip [Mod.-C]
26	1	W3002650	Safety Switch Mtg. Brkt.
27	2	W3002649	Collect. Table Take-Up Arm

Item	Qty	Part #	Description
28	2	W3002647	Front Roller Supt Angle [Mod.-C]
29	1	W3002646	Collect. Table Front Panel 8" Cb.
30	1	W3002640	Collector Table Side Plate R.h.
31	1	W3002639	Collector Table Side Plate L.h.
32	1	W3002516	Brush Plate 8" [Egg Collect]
33	1	W3002515	Brush Holder 5" And 8" [Egg Collect]
34	1	W3002507	Spice Plate Ctr Nests
35	1	W2001908	Gear Reducer Almr46 / 20:1 Ratio Bxsize 66C
36	1	W2001952	Motor 3/4Hp 90V 1800Rpm Model #WPMDC34-18-90V-56CB
37	1	W2001920	4" Drive Roller
38	4	W2001879	Rubber Bummer 1/8 X 3/4 Wide
39	1	W2001865	3/16 X 3/16 X 3"L Key Stock
40	2	W2001863	Pinch Roller Spring
41	1	W2001857	Brush Holder Spring
42	4	W2001856	Adj. Foot 1/2-13 Thread Vib. Damp.
43	2	W2001848	Take Up Shaft
44	1	W2001847	Pinch Roller Shaft
45	1	W2001844	3/4 X 1-7/8 X 9Inl Base 2In Belt Brush
46	2	W2001843	Take-Up Arm Spring
47	12	W2001834	#10-24 Keps Lock Nut
48	14	W2001833	#10-24 X 1/2 Pan Head Screw
49	1	W2001832	Dart Speed Controller W/ Three Hole Base
50	3	W2001824A	PVC Roller 9-3/8"
51	1	W2001760	3/4" Set Screw Collar
52	2	GSN-5234	Bearing

# Idler Assembly

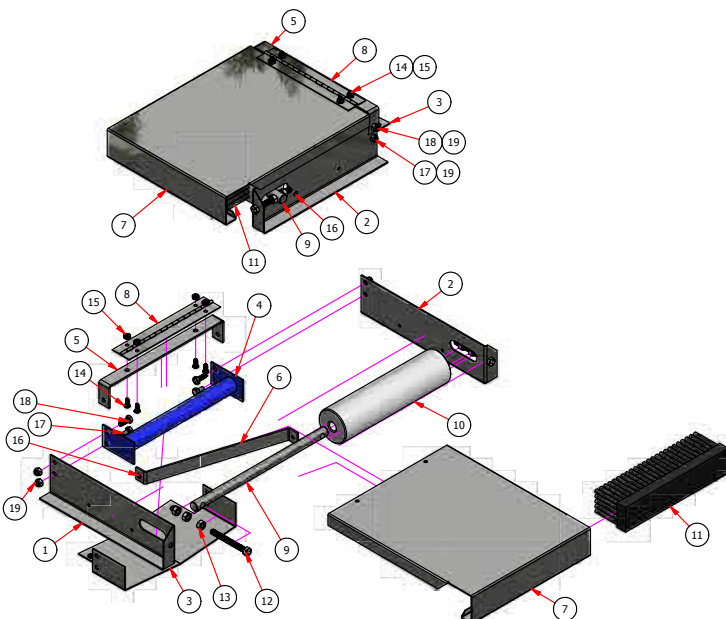


## W5220502 - 5" Dual Belt (two per nest required)

Item	Qty	Part #	Description
1	1	W3002844	5In Idler End Scraper
2	1	W3002842	5In Idler End Support Strap
3	1	W3002841	5In Idler Support Brkt
4	1	W3002840	5In Idler Cover W/ Brush
5	1	W3002780	Roller Cover Hinge [6" Table]
6	1	W3002770	Idler Side Plate Left [5" Nest]
7	1	W3002769	Idler Side Plate Right [5" Nest]
8	2	W2001978	Idler Roller 2-3/8 X 6-1/4
9	1	W2001977	Idler End Shaft
10	1	W2001976	5In Idler Guide Shaft
11	1	W2001947	3/4 X 1-7/8 X 6Inl Base 2In Belt Brush
12	2	W2001853	Hex Bolt 5/16-18 X 3 Full Thread
13	8	W2001834	#10-24 Keps Lock Nut
14	8	W2001833	#10-24 X 1/2 Pan Head Screw
15	2	GSN-2120	Rivet, Pop 3/16 Alam #62
16	2	60597	Lock Washer 5/16 Zinc
17	6	60571	5/16" Hex Nut
18	2	60508	5/16" X 3/4" Bolt

### ⚠ WARNING:

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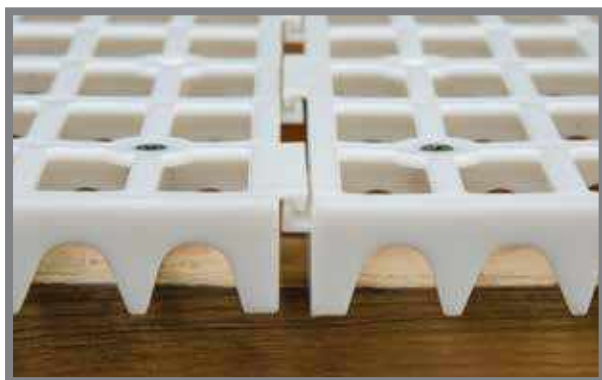
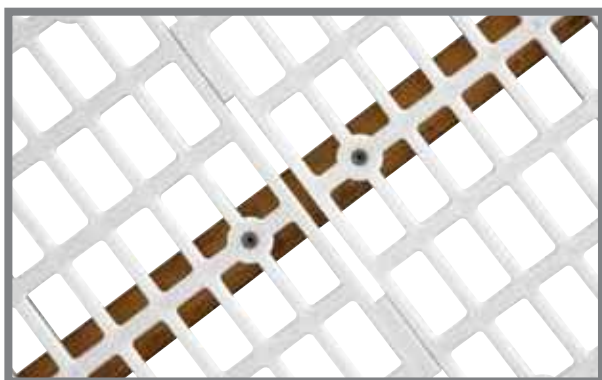
## W5220103 - 8" Center Belt (one per nest required)

• Direct replacement for Big Dutchman #BD37-03-0025

Item	Qty	Part #	Description
1	1	W3002558-R	Idler Side Plate Right [8" Nest]
2	1	W3002558-L	Idler Side Plate Left [8" Nest]
3	1	W3002546	8In Idler Support Brkt
4	1	W3001491	Idler Belt Guide Bar 1" Conduit [8811491100]
5	1	W3002547	8In Idler End Support Strap
6	1	W3002598	8In Idler End Scraper
7	1	W3002544	8In Idler Cover W/ Brush (Long)
8	1	W3002550	Idler Cover Hinge
9	1	W2001846	Idler End Shaft
10	1	W2001824A	PVC Roller 9-3/8"
11	1	W2001844	3/4 X 1-7/8 X 9Inl Base 2In Belt Brush
12	2	W2001853	Hex Bolt 5/16-18 X 3 Full Thread
13	6	60571	5/16" Hex Nut
14	4	W2001833	#10-24 X 1/2 Pan Head Screw
15	4	W2001834	#10-24 Keps Lock Nut
16	2	GSN-2120	Rivet, Pop 3/16 Alam #62
17	2	W2000165	1/4" X 1/2" Bolt
18	2	W2000166	Hex Head Bolt 1/4-20 X 3/4 L
19	4	60680	1/4" Locknut [9602502501]

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**NEW!**

# HENSLAT

## 17% to 28% more open area

Rectangle slots create 58.5% of total opening to reduce manure buildup resulting in a cleaner floor.

## Stronger, Heavier Panels

Each 2' x 4' panel weighs 6.7 pounds...over 3/4 of a pound more than competitive brands. 21 longitudinal ribs compared to others with only 17 ribs provides a level slat surface with only three support runners.

## Interlocking tabs

Multiple interlocking edge tabs reduce flexing to promote a flat, stable walking surface. Arch latitudinal ribs furnish greater support to the longitudinal ribs.

**Choose from three different UV stable Polypropylene formulations in 24-inch wide by 48-inch long sections.**

#PF-P24X48 ..... Prime white "virgin" poly  
 #PF-P24X48RP ..... Reprocessed white poly  
 #PF-P24X48RPB ..... Reprocessed black poly

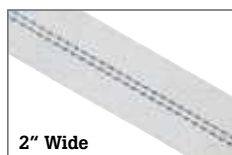




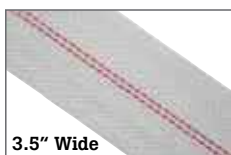
# Egg Belting

Pre-Stretched Polypropylene Belt resists moisture absorption to inhibit the growth of bacteria and fungus. Herringbone weave keeps eggs in place.

*Ask about quantity discounts!*



2" Wide



3.5" Wide



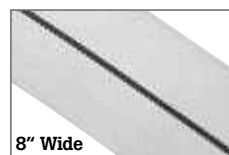
3.75" Wide



4" Wide



5" Wide



8" Wide

ITEM #	LENGTH	COLOR
<b>2" WIDE</b>		
HSEB800A-1270W	1270'	White/Blue Stripe
<b>3.5" WIDE</b>		
HSEB801A-1040W	1040'	White/Red Stripes
HSEB801A-1240W	1240'	White/Red Stripes
HSEB801A-1509W	1509'	White/Blue Stripes
<b>3.75" WIDE</b>		
HSEB802A-840	840'	Gray/Blue Stripes
HSEB802A-1040	1040'	Gray/Blue Stripes
HSEB802A-1240	1240'	Gray/Blue Stripes
HSEB802A-1240W	1240'	White/Blue Stripes
HSEB802A-1509W	1509'	White/Blue Stripes
HSEB802A-1600W	1600'	White/Blue Stripes
<b>4" WIDE</b>		
HSEB803A-840	840'	Dark Gray/Blue Stripes
HSEB803A-1040	1040'	Dark Gray/Blue Stripes
HSEB803A-1240	1240'	Dark Gray/Blue Stripes

ITEM #	LENGTH	COLOR
<b>4.5" WIDE</b>		
HSEB805A-1050W	1050'	White/Red Stripes
<b>5" WIDE</b>		
HSEB807-840	840'	Dark Gray/ Blue Stripes
HSEB807-1040	1040'	Dark Gray/ Blue Stripes
HSEB807-1240	1240'	Dark Gray/ Blue Stripes
<b>145 MM WIDE</b>		
HSEB809A-294MW	294m	White/Green Stripes
<b>8" WIDE</b>		
HSEB808-1020	1020'	Dark Gray/Blue Stripes
HSEB808-1220	1220'	Dark Gray/Blue Stripes
HSEB810A-820W	820'	Feather Glide White/Black Stripe
HSEB810A-1020W	1020'	Feather Glide White/Black Stripe
HSEB810A-1220W	1220'	Feather Glide White/Black Stripe

## Nest Pads



Rubber fingers cushion and support eggs. Open design allows debris to fall through resulting in a cleaner nest.



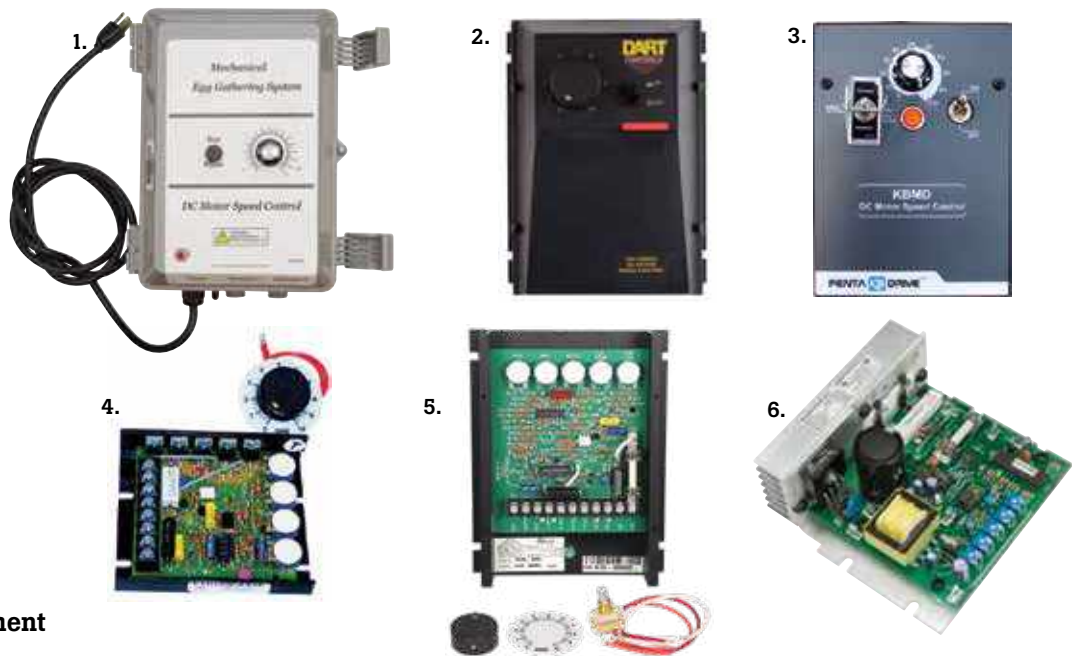
The original AstroTurf® nesting pad.



AstroTurf® NXT pads are the next generation of turf pads. Rounded tips and straighter blades mean cleaner eggs. New plastic formulation and thicker, stronger base extends pad life.

Item#	Description	Size	OEM#
#HS601	Finger Style	12.75" x 11.65"	GC5000078
#HS602A	Finger Style	5.63" x 9.75"	GC5000079
#HS603-1	Turf Style, Grey	5.6" x 9.6"	G07101294
#HS603-2	NXT Style, Grey	5.6" x 9.6"	AGL16-37197, DPPB5X9
#HS604-1	Turf Style, Grey	11.75" x 12.875"	G07099166, AGL16-37193
#HS604-2	NXT Style, Grey	11.5" x 12.875"	-

# Breeder House Replacement Parts



## Egg Table Replacement Controls & Boards

- 1) #AGL16-500062..... Controller box complete for new Shenandoah systems
- 2) #52581..... Dart control box, with on/ off toggle, no wires
- #W2001945..... Dart control box , with on/ off/ reverse toggle, no wires
- #W4001524..... Dart control box, with on/ off/ reverse toggle, w/ wires
- 3) #G07099510..... Cumberland Egg Table Controller
- 4) #12SDV-C..... Control board for OLD style metal Shenandoah Controller AGL16-102986
- 5) #253G-200C..... Control board with chassis for Dart controller 52581
- 6) #HSBHN-0017..... Circuit Board for Nest Table 120VAC/ 90VDC, Replaces OEM# 16-500065
- N/A) #HSBHN-0023..... Circuit Board for Nest Table 240VAC/ 180VDC, Replaces OEM# 16-500064



## Roller for Egg Table

- #AGL16-101483.....Roller for Egg Table
- #AGL16-37067..... Roller Pulley Head Drum  
Vulcanized for Older Shenandoah Nests



## Solid Belt Rollers

- 1-1/2" x 8" Plastic
- 1) #HSBHN-0008.....Replaces OEM#16-101468
- 2) #HS07101647.....OBCO, 9.375"L alternate for  
Cumberland # 7101647
- #BD37-01-2035... 2.05" x 8.31" for Gather All Tables



## Dart Controls Potentiometer Kit

- for Egg Table Control
- #SA-STOK-W0.....Potentiometer Kit



## Wooden Cannonballs

- Replaces metal cannonball to reduce noise
- #BD11-00-1012.....Standard 3-5/16"
- #BD11-00-1023..... Hard Wood 3"



## Nest Clip

- for back of nest
- #W5220130..... Galvanized Center Belt Nest Clip

**WARNING:**  
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## Sewing Thread

## Sewing Kit



- #66500..... 1 lb. Spool
- #AGL16-37179.....Kit for Twill Egg Belt
- #66501..... Small Waxed Thread Spool 27yd
- #W2001849..... Wadeken Waxed Thread
- #66600.....3" Bent needle for egg belt

# Breeder House Replacement Parts



#WW9D21



#WW9D23



#WW9D24

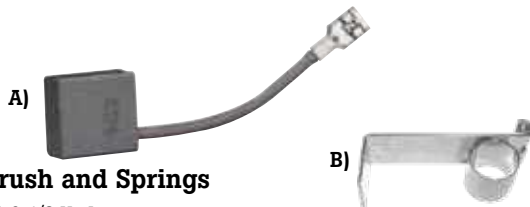
## Egg Table Motors

- Permanent magnet DC
- Variable speed
- C-face with removable base

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Item#	Hp	RPM	Shaft Length	Shaft Size	Voltage	OEM Reference #
WW9D21	1/2	1750	2.06"	5/8"	90	LE098000, G07097895, 2M168D, JD4132, MMZ606, W2001830
WW9D22	3/4	1750	2.06"	5/8"	90	2M169, W2001952
WW9D23	1	1750	2.44"	5/8"	90	LE108022
WW9D24	1	3600	2.44"	5/8"	180	AGL16060098



## Motor Brush and Springs

- For the 1/2 & 1/3 Hp Lesson motor

- A) #EIS900163-11..... Motor Brush MMZ606 Motor  
 B) #EIS900115-01..... Motor Spring MMZ606 Motor  
 #2ZB83..... Brush For 2M168 Motor Pax Nest  
 #2ZB84..... Brush & Spring For 2M168 Motor Pax Nest  
 #EIS900015-18..... Brush Replacement for Lesson Motor

#AGL16060107



## Gearhead

- Gear reducer for NEW STYLE egg table

- #HSGRET001..... 1:60 alternate for Shenandoah #16560240  
 #AGL16060107..... Coupling Kit Only KG3 Hp N056 for AGL16560240

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## Double Pulley Options

Item#	Description	#OEM
P2AK2034	(2) Groove 2.0" OD x 3/4" Bore	-
P2AK2078	(2) Groove 2.0" OD x 7/8" Bore	-
P2AK2534	(2) Groove 2.5" OD x 3/4" Bore	Valco #410448
P2AK2858	(2) Groove 2.8" OD x 5/8" Bore	Cumberland #07097578
P2AK3058	(2) Groove 3.0" OD x 5/8" Bore	Big Dutchman #99-53-0010
P2AK3058	(2) Groove 3.0" OD x 5/8" Bore	Cumberland #07097578
P2AK3258	(2) Groove 3.2" OD x 5/8" Bore	-
P2AK3458	(2) Groove 3.4" OD x 5/8" Bore	-
P2AK3958	(2) Groove 3.9" OD x 5/8" Bore	Valco #410060
P2AK4158	(2) Groove 4.1" OD x 5/8" Bore	-
P2AK4178	(2) Groove 4.1" OD X 7/8" Bore	-
P2AK4978	(2) Groove 4-3/4" OD 7/8" Bore	-
2MA27X7/8	(2) Groove 2.7" OD x 7/8" Bore	-
2MA30X3/4	(2) Groove 3" OD x 3/4" Bore	Big Dutchman #99-53-0007
2MA30X3/4	(2) Groove 3" OD x 3/4" Bore	Cumberland #07097579
2MA30X7/8	(2) Groove 3" OD x 7/8" Bore	Cumberland #2878-2
2MA30X7/8	(2) Groove 3" OD x 7/8" Bore	Cumberland #07099361

### ⚠ WARNING:

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## Lovejoy Couplers & Spider Gears



Item#	OEM#	Description
#LOV11091	16-35617	Lovejoy Hub Coupler L095 1" Bore 1/4" Keyway
#LOV11087	16-35618	Lovejoy Hub Coupler L095 3/4" Bore 3/16" Keyway
#LOV11075	16-35616	Lovejoy Spider Gear Spacer Hollow Blue L090/L095

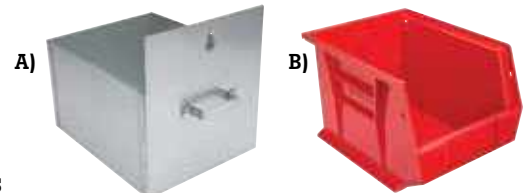
## Mastercraft Big Red Handheld Turbo Air Blower

The Big Red industrial quality hand held blower is designed for heavy duty. The unique shape of the hand blower enhances the vortex and directs a large volume of air at a high velocity through the molded 3/4" nozzle in hard to reach places, speeding cleaning, reducing maintenance and drying time.

- Model: B650
- Current: 11 AMPS
- CFM: 94
- Motor: 1 HP, 120 V

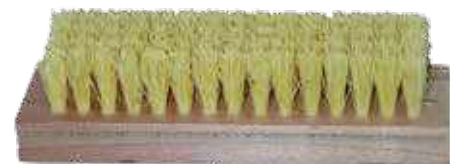


- #MC300225..... For Egg Table



## Litter Pans

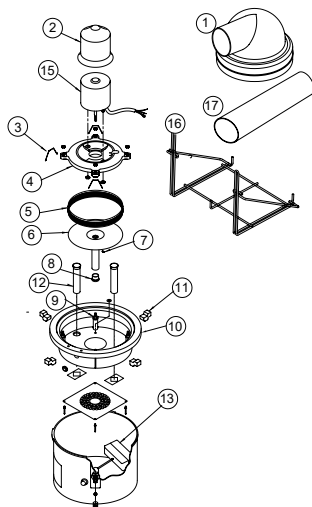
- A) #HSL128..... Metal, replacement for OEM#16-85834  
 B) #T9A239473RD..... Plastic



## White Brush

- #HSBHN-0003..... For Egg Table





## Trion Humidifier Model 707 Parts List

- #520280 ..... Complete 115V  
 1) #520240 ..... Discharge Dome  
 2) #5202001 ..... Motor Cover  
 3) #520219 ..... Retainer Clip  
 4) #52031 ..... Motor Base  
 5) #520245 ..... Diffusing Screen  
 6 & 8) #52030 ..... Impeller & Impeller Pump (kit)  
 7) #52032 ..... Screw, Set Cup

- 9) #520294 ..... Vibration Damper  
 10) #5208201 ..... Center Pan  
 11) #52029 ..... Center Pan Support  
 12) #52802827 ..... Drip Tube  
 13) #520292 ..... Float & Valve Assembly  
 15) #520296-001 ..... Motor 115V  
 16) #5202186 ..... Mounting Bracket



## Float Valve Assembly

For Trion 707 Humidifier

- #520292 ..... Brass

## Replacement Compressors

- #525839 ..... for 13000-15E  
 #A608 ..... for 6000-10E  
 #40006E ..... for 4000-6E  
 #G900015ECOMP ..... for 9000



## Float Valve Assembly

For Burch Egg Cooler

- #525159 ..... Plastic

## Burch Cooler Capacitors

- #35370 ..... for 6000 Burch Cooler  
 #G900015ECAP ..... for 900015E Cooler



#35370



#G900015EAP

### ⚠ WARNING:

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## Egg Cooler Motor



- #52586 ..... 50W Model 6000 Inside Fan Motor & 9000 Inside & Outside  
 #52585 ..... 35W Model 6000 Outside Fan Motor & Model 4000 Inside & Outside  
 #525851 .. 1/4 HP Fan Motor for Models 13K, 18K, & 24K

### ⚠ WARNING:

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## Hi Lo Thermometer

Records the high and low temperature day and night. Also great for use in egg coolers

- #59630 ..... Hi Lo Thermometer



## Hurricane Ultra II

The Hurricane Ultra II ULV mister is an electric portable aerosol applicator that dispenses both oil and water-based products. Features solid state metering device, low profile one-gallon tank to resist tipping and controllable droplet sizes. Adjustable flow rate of 0-4.5 gph and 5.50 particle size. 12" L x 12" W x 14" H.



- #CD62150-1 ..... Hurricane Ultra II Fogger

## TRI-JET

Chemical fogger or humidity control is simple with the Commander "Tri-Jet" Fogger. The combination of adjustable valve and the tornado action nozzle allows you to maximize mist up to 30 feet directionally. Three counter rotating vortex nozzles dispense an adjustable particle size of 15-30 microns from either oil- or water-based chemical solutions. 1 gallon tank capacity. Aluminum construction with chemical resistant vinyl tubing.



- #TRIJET110 ..... Tri-Jet Fogger

### ⚠ WARNING:

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## Blades

- #525833 ..... 12" pusher for 9000-15e  
 #525836 .... 14" sucker for 18000-27e & 13000-20e  
 #525834 ..... 12" sucker for 9000-15e  
 #525831 ..... 11" for 6000  
 #525833 ... 12" pusher for 9000-15e & 6000-10e

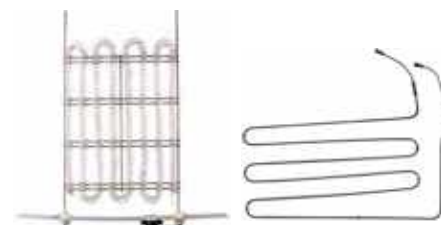
### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## Humidifier Pan Only

- #525852 ..... for 6000-10e  
 #520281 ..... for 9000-15e



## Heater Elements

- #52587 ..... 500 Watt  
 #525157 ..... 1000 Watt for 13000 cooler  
 #525853 ..... for 9000-15e

## Burch Egg Room Coolers

Burch manufactures packaged cooling units which can be equipped with 2 stage room heating to control a desired temperature in egg holding rooms all year long.

A humidification system is also available to protect egg shells from losing moisture in the egg holding room. Hatching egg units are able to cool down as low as 55 degrees F while table eggs units cool as low as 40 degrees F.

Manufactured using tough, durable powder coated steel cabinets, these self contained, through the wall, units require little maintenance and are simply built to enable easy service in the field. Shipped fully charged, installation is very quick and conditioning of eggs can begin in a matter of minutes.

**Additional options available including custom painted exterior housing. Call for details.**

### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## Hatching Egg Coolers

DESCRIPTION	MODEL	OPTIONS	VOLTS	BTU	MIN TEMP	EGG HOLDING ROOM CU FT	WALL ROUGH OPENING (H x W)
BURCH Hatching Egg Cooler	3000-5E	Room Heater, Humidifier	115	5800	55 F	920	20.25 x 20.25
BURCH Hatching Egg Cooler	4000-6E	Room Heater, Humidifier	220	8300	55 F	1,200	20.25 x 20.25
BURCH Hatching Egg Cooler	6000-10E	Room Heater, Humidifier	220	15200	55 F	1,850	20.25 x 20.25
BURCH Hatching Egg Cooler	9000-15E	Room Heater, Humidifier	220	16300	55 F	2,800	22.25 x 22.25
BURCH Hatching Egg Cooler	13000-20E	Room Heater, Humidifier	220	21800	55 F	3,850	24.25 x 30.25
BURCH Hatching Egg Cooler	18000-27E	Room Heater, Humidifier	220	28000	55 F	5,670	24.25 x 30.25
BURCH Hatching Egg Cooler	24000-32E	Room Heater, Humidifier	220	28900	55 F	7,560	32.25 x 36.25
BURCH Hatching Egg Cooler	50000-62E	Room Heater, Humidifier	220	61000	55 F	16,800	37.25 x 40.25

## Table Egg Coolers

DESCRIPTION	MODEL	OPTIONS	VOLTS	BTU	MIN TEMP	EGG HOLDING ROOM CU FT	WALL ROUGH OPENING (H x W)
BURCH Table Egg Cooler	3000-5TE	Room Heater, Humidifier	115	5800	40 F	800	22.25 x 22.25
BURCH Table Egg Cooler	4000-6TE	Room Heater, Humidifier	220	8300	40 F	1,000	22.25 x 22.25
BURCH Table Egg Cooler	6000-10TE	Room Heater, Humidifier	220	15200	40 F	1,500	22.25 x 22.25
BURCH Table Egg Cooler	9000-15TE	Room Heater, Humidifier	220	16300	40 F	2,500	24.25 x 30.25
BURCH Table Egg Cooler	13000-20TE	Room Heater, Humidifier	220	21800	40 F	3,300	32.25 x 36.25
BURCH Table Egg Cooler	18000-27TE	Room Heater, Humidifier	220	28000	40 F	4,900	32.25 x 36.25
BURCH Table Egg Cooler	24000-32TE	Room Heater, Humidifier	220	28900	40 F	5,800	32.25 x 36.25
BURCH Table Egg Cooler	50000-62TE	Room Heater, Humidifier	220	61000	40 F	13,800	45.25 x 48.25

## Burch Egg Cooler Room Doors

Burch Insulated Cooler Room Doors feature a wood jointed torsion frame to insure strength and long lasting performance. These engineered doors feature ample fiberglass insulation and an 18 gauge metal frame with a 22-gauge metal face, all powder coated for protection in harsh environments.

Each door includes heavy galvanized hinges, door handle, striker, safety pushrod and hex mounting lag screws. Standard and custom sizes available in Left or Right hand.



**Note:** With Left Hand Doors, the hinges are on the left and the door handle is on the right. With Right Hand Doors, the hinges are on the right and the door handle is on the left.

#3680	36" x 80" RH Swing/Opens to Outside
#48X84RH	48" x 84" RH Swing/Opens to Outside
#52589	48" x 86" RH Swing/Opens to Outside
#5284884	48" x 84" RH Swing/Opens to Outside
#525196	Sweep for Egg Cooler Room Door (Sold Per Foot)
#525881	Latch Only For Burch Egg Cooler Door

### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)







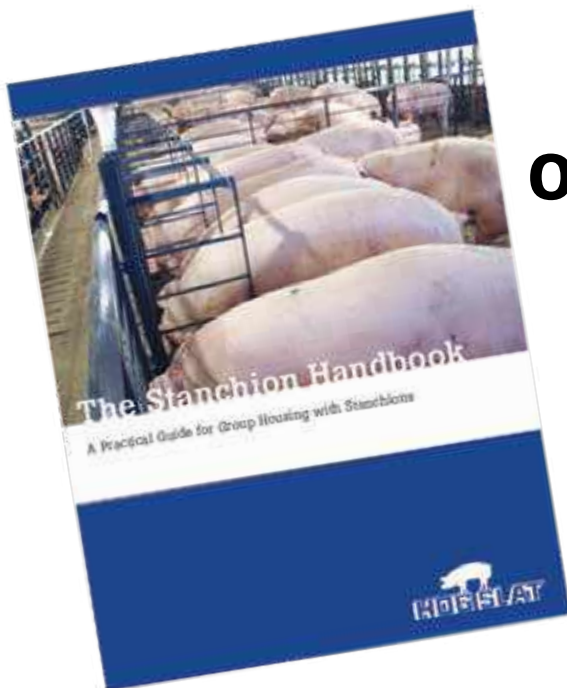
Hog Slat's integrated stanchion system features solid rod construction with a powder epoxy paint or hot-dipped galvanized finish.

**Let us show you why more producers are choosing stanchions as their group housing option. Hog Slat is the industry leader in group housing with over 600,000 stanchion conversions or new projects completed. Stanchions offer these advantages over ESF and free access stalls.**

- Well-suited to current U.S. production practices. Farm staff can more easily make the transition to a stanchion system because it utilizes the same feed delivery system and penning. Does not require a staff highly trained in maintaining complicated electronics.
- This design lends itself to a wide range of group sizes with a lot of flexibility in pen and building dimensions – an important consideration with remodel projects.
- Lower initial equipment costs than either ESF systems or free access stalls and less equipment to maintain and repair. Stanchion systems require over 14% less floor space than floor plans utilizing free access stalls.
- More control over feeding compared to floor-fed pen systems. Feeding stanchions may also be used with total slats simplifying manure handling and pen management.



Optional double or single-sided stainless steel trough completes the installation.

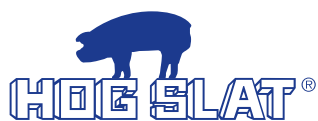


# We Wrote the Book on Group Sow Housing!

**Complete with illustrated pictures of equipment and diagrams of building layouts, this 16-page handbook contains practical details needed to build new sow housing or convert existing stalls to group housing.**

**Download your free copy at [www.hogslat.com](http://www.hogslat.com)**





## Free Access Stall

In combination with Hog Slat's stanchion equipment, our Free Access Stall gives producers a management-friendly group housing system that meets welfare concerns without complex maintenance and communication issues found with electronic sow feeding.

- Balanced gate system does not require springs or weights for activation.
- Rear individual locks retain an animal when releasing the rest of a row.
- No weld installation with pre-punched top spacing bars.
- Heavy galvanized construction with 5/8" rod and 12 ga. structural pipe.
- All pivot points have stainless steel sleeve bushings.
- Stainless steel hardware.



### Top locking lever

shuts down or opens a row of stalls for breeding or treatment.



### Stainless steel legs

adjust to fit slat openings and height differences for secure anchoring.



### Feed pipe

and double water bracket bolt on stall.



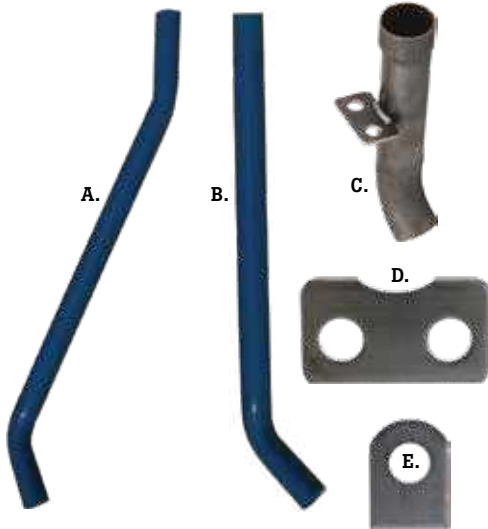
### Step through

rear gate for breeding.

# Gestation Stalls Parts

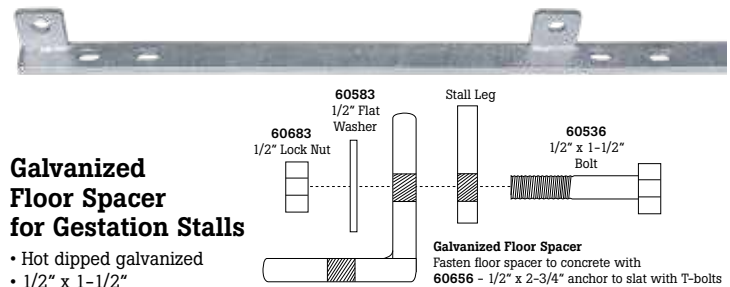
## WARNING:

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## Feed Pipes for Gestation Stalls & Stanchions

- A) #5301080101 ..... 48" painted feed pipe - slope front
- B) #5301110101 ..... 48" painted feed pipe - straight front
- C) #5330080001 ..... 15-1/2" pipe, weld on replacement
- D) #5301130000 ..... Feeder pipe door clips
- E) #5161040000 ..... Gestation stall door clip



## Galvanized Floor Spacer for Gestation Stalls

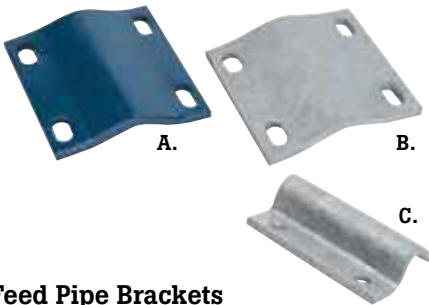
- Hot dipped galvanized
- 1/2" x 1-1/2"

#5020360200.....	68" long / 22" center
#5020060200.....	71" long / 23" center
#5020160200.....	74" long / 24" center
#5020460200.....	72" long / 25" center
#5020260200.....	72" long / 26" center
#5020860200.....	84" long / 28" center

## Chase Gate

Build a lightweight alley gate in gestation by cutting plywood to length and attaching gate kit hardware. Fits existing stall clips and comes complete with hinges, chain, snap hook, bolts and nuts.

- #59404 ..... Chase Gate Kit
- #2000150100 ..... Chase Gate Hinge Only



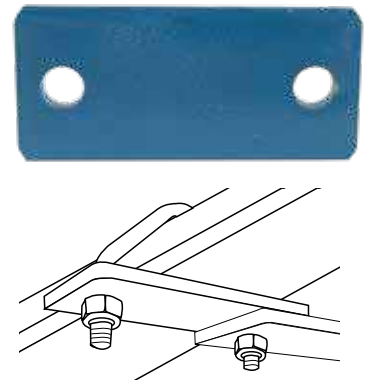
## Feed Pipe Brackets

- A) #2040850100 ..... Backup plate, ptd
- B) #2040850200 ..... Backup plate, galv.
- #5330030100 ..... Feed pipe clamp, ptd
- C) #5330030200 ..... Feed pipe clamp, galv.



## Top Spacers Pre-punched

- #5010100100 ..... 114-3/4"x.23" o.c., painted
- #5010200100 ..... 119-3/4"x 24" o.c., painted
- #5010300100 ..... 129-3/4"x 26" o.c., painted
- #5010100200 ..... 114-3/4" x.23" o.c., galvanized
- #5010200200 ..... 119-3/4" x 24" o.c., galvanized
- #5010300200 ..... 129-3/4" x 26" o.c., galvanized

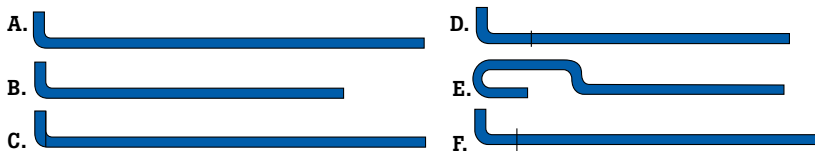


## Gestation Top Spacers Connectors

Used at end of top spacers for gestation stalls. Six needed per row of gestation stalls.

- #5000920100 ..... Connector painted
- #5000920200 ..... Connector galvanized
- #60647 ..... 1/4" V-bolt
- #60680 ..... 1/4" Lock Nuts

## Gate Rods



- A) #5000100100 ..... Standard 1/2" gestation gate rod (long door) 24-5/8" below bend
- #1000100200 ..... 1/2" farrowing crate gate rod 19-1/4" below bend, galvanized
- B) #1000100100 ..... 1/2" farrowing crate gate rod 19-1/4" below bend (Also used for short rear gestation door)
- C) #5000170100 ..... 1/2" gestation gate rod 24-5/8" below bend, washer welded flush beneath bend (Used on long front door when washer is desired to prevent rod from falling through slats (long rear door w/ez clips))
- #5000100200 ..... 1/2" rod for stall door
- D) #1000090100 ..... 1/2" gate rod w/ bend 16-1/2" below washer (Used mainly on short rear gestation doors w/ez clips)
- #1000090200 ..... 1/2" gate rod w/bend 16-1/2" below washer, galvanized
- E) #5000260200 ..... 3/8" candy cane style rod 19-1/2" overall length (Used mainly as a replacement for solid rod gestation rear door)
- F) #5000120100 ..... 3/8" gate rod w/ bend 19-3/8" below washer (Used mainly as a replacement for solid rod gestation rear door)



## Weld-On Gestation Replacement Legs

- #5000060100 ..... Front Leg, 8 -5/8"
- #5000000100 ..... Rear Leg, 9-5/8"

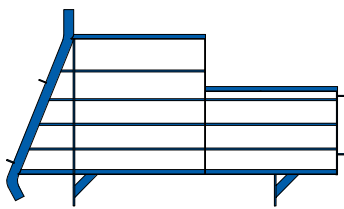


## Gestation Stalls

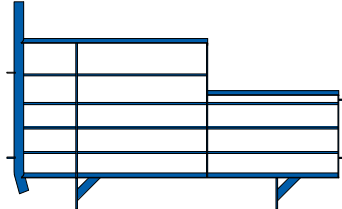
Hog Slat's unique bolt-together design requires no welding to install. Galvanized floor spacers along with bolt on top spacers ensure a straight installation with even stall spacing. Available in 7'0" or 7'6" lengths and widths of 22", 23", 24", 25", 26", 28".

### ⚠ WARNING:

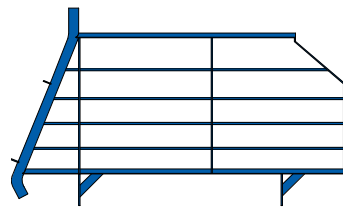
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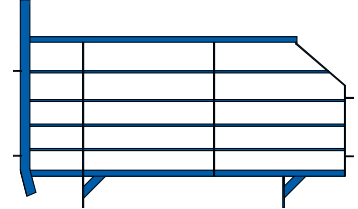
**Slope Front,  
AI Back**



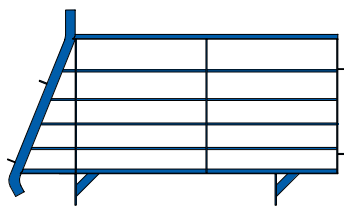
**Straight Front,  
AI Back**



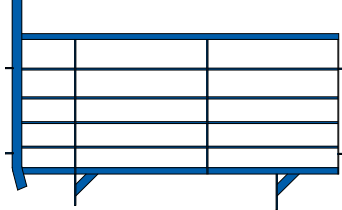
**Slope Front,  
Slope Back**



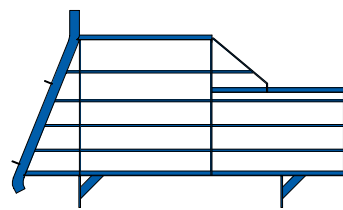
**Straight Front,  
Slope Back**



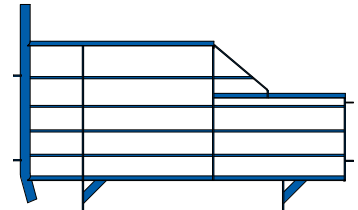
**Slope Front,  
Straight Back**



**Straight Front,  
Straight Back**



**Slope Front,  
Modified AI Back**



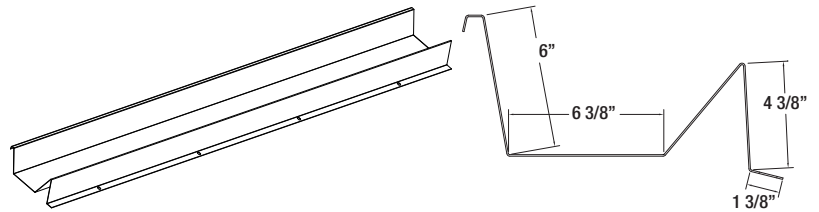
**Straight Front,  
Modified AI Back**

### Other trough profiles available!

#### Gestation Trough

##### • Single sided bolt down

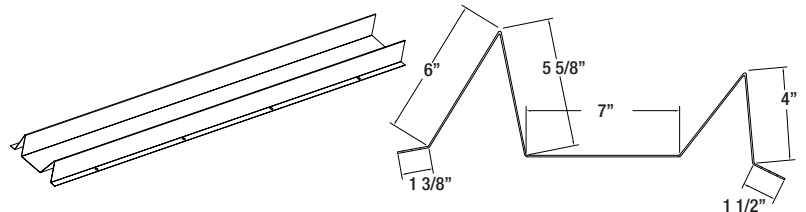
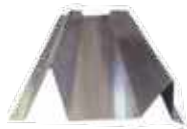
#8950590505.....304 SS trough, single side bolt down, 8' long, 31 lbs  
#8000140500 .....304 SS solid end plate, 2.2 lbs  
#8000130500 .....304 SS end plate with 2" nipples, 2.2 lbs



#### Gestation Trough

##### • Double sided bolt down

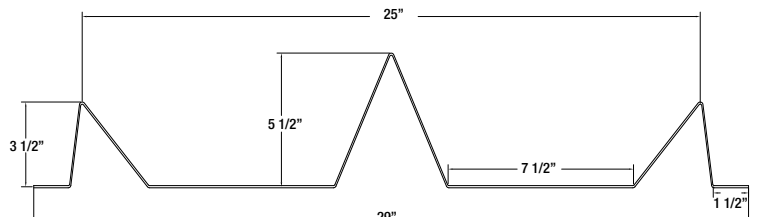
#8950590511.....304 SS trough, double sided bolt down, 8' long, 39 lbs  
#8000150500 .....304 SS solid end plate, 2.5 lbs  
#8000340500.....304 SS end plate with 2" nipples, 2.5 lbs



#### Gestation Trough

##### • Doubled sided bolt down

#8950580540.....304 SS double trough, 8' long, 60 lbs  
#8000830500 .....304 SS double solid end, 4 lbs  
#8000840500.....304 SS end plate w/ (2) 2" nipples, 4 lbs







#N9950273.....Button white FDX, Set 25



#N9852476..... Male ear tag, yellow, set 100



#N9939199.....Tagger



#N9920242 .....Water dosing set



#N9964134 .....Service set extension spring



#N5471982 ..... Pneumatic air valve, DC24V



#N9805761 .....Dispensing auger (feed station)



#N8009589 .....Dispensing auger motor, black



#N7586191.....VP 6012 V sense 285x170mm  
solid antenna side



#N3854094 .....Proximity Switch, E2EX10ME1, 10 m.



#N9921397 .....VP 1001 FDX Reader motor control



#N9911049.....VP 3001 Motor control



#N9911057..... VP 8001 Controller unit exl.  
Software and V-Box



#N9923977..... VP 2001/2002 power supply 25



### Spray Markers

#N9882570..... Red  
#N9882766.....Green  
#N9882588 ..... Blue



## The AIP

The AIP is an improved model featuring an injection molded saddle that also provides a tighter fit. IT'S VIRTUALLY INDESTRUCTIBLE!

#1051102.....AIP, injected molded



## A.I. Buddy

A rugged "hands-free" insemination device with a solid plastic saddle and aluminum rods. Choose from two different rods; one for bottles and tubes and the other for bags. Designed without velcro or fabric that can deteriorate with use

- 1) #AIB.....Saddle only  
 2) #AIBR.....Rod for bags  
 3) #AIBT.....Rod for tubes & bottles



## Most Efficient Sow Stimulation, Heat Detection and Insemination System on the Market!

### *The Magic of Pheromones and Snout-to-Snout Contact!*

Remote-Controlled, Self-Guided and Articulated Boar Cart... Designed by Pig Breeders for Breeders

#### WORLD-WIDE REPUTATION

Successfully proven and unique state-of-the-art heat detection tool. Renowned and adopted by the worldwide community of pig producers. Has revolutionized the productivity of the swine industry since 1997.

#### MAXIMUM STIMULATION

Genuine futuristic technology based on natural mating ritual of pigs. Contact-O-Max exposes boar to sows for optimal sustained snout-to-snout contact; optimizes sow fertility and makes work easier. Rigorous, precise, reliable and efficient heat detection system; requires only 15 seconds per sow twice a day to stimulate and heat check. Drastically decreases number of heat returns and late weaners. Guarantee of maximum stimulation and successful insemination.

#### QUICK PAYBACK

One of the most cost-effective pieces of equipment in a sow barn. Fastest and best return on investment; payback less than 2 months for 1000 sows. Yields farrowing rates up to 95%. Only one worker is needed.

#HSCJ20SXX.....Contact-O-Max Jr. 20" Wide Stainless Steel  
 #HSCS23XXX.....Contact-O-Max Sr Stainless Steel



STAINLESS STEEL!



Handy Remote Self-Guiding System



Optimized Snout-To-Snout Contact



One-Worker Operation



STAINLESS STEEL!



# Contact-O-Max Replacement Parts



## Control Boxes

• Internal Control box (for old SR model only)

#HSRMACX4003 .....	4 button, freq. #4
#HSRMACX5003 .....	4 button, freq. #5
#HSRMACX6003 .....	4 button, freq. #6
#HSRMACX7003 .....	4 button, freq. #7

• External Control Box (for JR & SR models)

#HSRMACX4001 .....	4 button, freq. #4
#HSRMACX5001 .....	4 button, freq. #5
#HSRMACX6001 .....	4 button, freq. #6
#HSRMACX7001 .....	4 button, freq. #7



## Remote Controls & Batteries

#HSSEE1000005X .....	Remote Control 1, White Label, Freq #1, Two Button
#HSSEE2000005X .....	Remote Control 2, Purple Label, Freq #2, Two Button
#HSSEE4000006X .....	Green Light, Freq #4, Four Button
#HSSEE5000006X .....	Blue Light, Freq #5, Four Button
#HSSEE6000006X .....	Yellow Light, Freq #6, Four Button
#HSSEE7000006X .....	Red Light, Freq #7, Four Button
#HSSEEP000006R .....	Touch Pad Membrane for 4 & 5 Boar Cart Remote
#8902260000 .....	Battery for 4 Button Remote Control - CR2016



## Battery

DCS-50u, 50 amp, for Contact-O-Max JR/SR

#HSSEB0000001P .....	Battery
----------------------	---------



## Battery Charger

Interior mount, for Contact-O-Max JR/SR

#HSSEE0000004X .....	Battery Charger
----------------------	-----------------



## Switches

For Contact-O-Max JR/SR

#HSSES0000006P .....	Green Manual Forward Switch
#HSSES0000005P .....	Yellow Manual Backward Switch



## ON/OFF Switch

For Contact-O-Max JR/SR

#HSSES0000008P .....	ON/OFF Switch
#HSSES0000018P .....	Key Switch On-OFF



## Motors

#HSSEM0000002A .....	for new style JR & SR
#HSSEM0000004A .....	for old style SR

### ⚠ WARNING:

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## Axle Differential

#HSCJACX0012 .....	JR
#HSCSADX0001-A .....	SR

### ⚠ WARNING:

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## Axle Differential

for old style Contact-O-Max SR

#HSCSADX0002 .....	24"
--------------------	-----

### ⚠ WARNING:

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## Sprocket Axle

For Contact-O-Max SR

#HSSAG0000002A .....	Sprocket Axle
----------------------	---------------

### ⚠ WARNING:

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## Steel Support Bearing

3/4", for Contact-O-Max SR

#HSSAX0000004S .....	Steel Support Bearing
----------------------	-----------------------

### ⚠ WARNING:

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## Bearing 1"

With steel support for old Contact-O-Max JR

#HSSAB0000006A .....	1" Bearing
----------------------	------------

### ⚠ WARNING:

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## Brake Handle

For Contact-O-Max JR/SR

#HSSAX0000002S .....	Brake Handle
----------------------	--------------

### ⚠ WARNING:

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## Drive Gear Sprocket

40-30, for Contact-O-Max JR

#HSCJASX0049 .....	Drive Gear Sprocket
--------------------	---------------------

### ⚠ WARNING:

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## Nylon Rollers

- #HSCJPAM0013 ..... 4" x 4" (front corner)  
 #HSCJPAM0003... 3" x 4" (front corner old model)  
 #HSCJPAM0014 ... 5" x 5" (lateral rear roller OPTIONAL)  
 #HSCJPAM0077 ..... 5" x 4" (rear corner)  
 #HSCJPAM0078 ... 4" x 5" (lateral rear & front corner)  
 #HSCSPAR0029... 5" x 5" (front & rear corner / for SR)

## Attachment Roller

For Contact-O-Max JR

- #HSCJACX0008 ..... Attachment Roller

### ⚠ WARNING:

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## Roller Bracket

L-shaped, for Contact-O-Max JR

- #HSCJASX0038 ..... Roller Bracket



## Gel Filled Wheel

For Contact-O- Max JR

- #HSSAW0000004A ..... Gel Filled Wheel



## Gel Filled Wheel

For Contact-O-Max SR (use with hub transition)

- #HSSAW0000009A ..... Gel Filled Wheel



## Air Filled Wheel

Plastic hub, for Contact-O-Max SR

- #HSSAW0000005A ..... Air Filled Wheel



## Hub Kit

- #HSSAW1000005P ..... Plastic Hub

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## Hub Transition

For Contact-O-Max SR foam filled tire.

- #HSCSASX0017 ..... Hub Transition



## Tire

For Contact-O-Max JR/SR

- #HSSAW0000008A ..... Tire



## Casters

For Contact-O-Max JR/SR

- #HSSAW0000002A ..... Caster for SR  
 #HSAW0000001A ..... Caster for JR

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## Handle Assembly

- #HSCJASX0041 ..... JR

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## Side Wheel Cover

For Contact-O-Max SR

- #HSCSPAP0006 ..... Side Wheel Cover

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## Collar Set

Metric, for Contact-O-Max JR

- #HSCJPAM0066 ..... Collar Set

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## J-Latch

For rear door, Contact-O-Max JR

- #HSCJPAC0001 ..... J-Latch

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## Top & Bottom Swivel Bolts

For Contact-O-Max JR

- #HSCJPAM0006 ..... Top Swivel Bolt  
 #HSCJASX0042 ..... Bottom Swivel Bolt

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## Transmission Release Handle

For Contact-O-Max JR

- #HSCJPAC0012 ..... Transmission Release Handle

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## Front View Bar

- #HSCJASX0029 ..... JR

- #HSCSASX0012 ..... SR

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



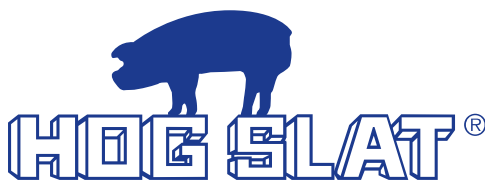
## Motor Mount

For Contact-O-Max JR

- #HSCJPAP0019 ..... Motor Mount

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



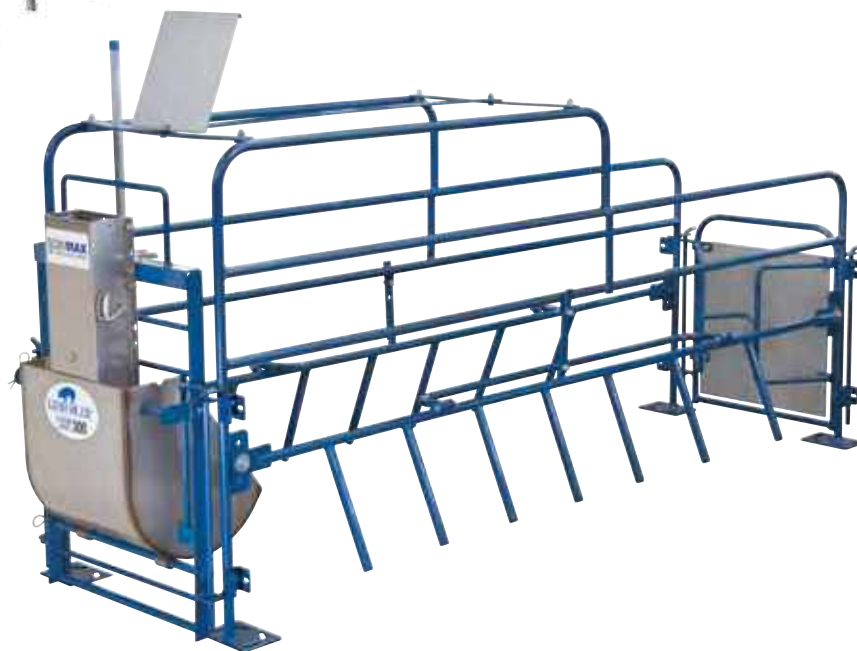
# Advantage Farrowing Crate

The Advantage crate is our most versatile crate design.



- Available in 7', 7'6" or 8' lengths.
- Assembly requires as few as 12 bolts total depending on side bar options.

- Optional heat lamp arm and 10" chart plate available.



## Advantage Farrowing Crates are available with these options:

### ADJUSTABLE TO FIT ANY WIDTH.

Fits easily in place of old crates and allows you to use your existing creep divides.



### SEVERAL SIDE BAR OPTIONS.

Allows you to build the crate that works the best for you. Options include: finger bar, finger bar with anti-crush bar, bow bar and bow bar with anti-crush bar.



### MULTIPLE FEED AND WATERING OPTIONS.

Choose the feeder and water option that fits your needs: large or small bowl feeder, ad lib feeder or keep the feeder you have. Water with nipples or cups. It's your choice.

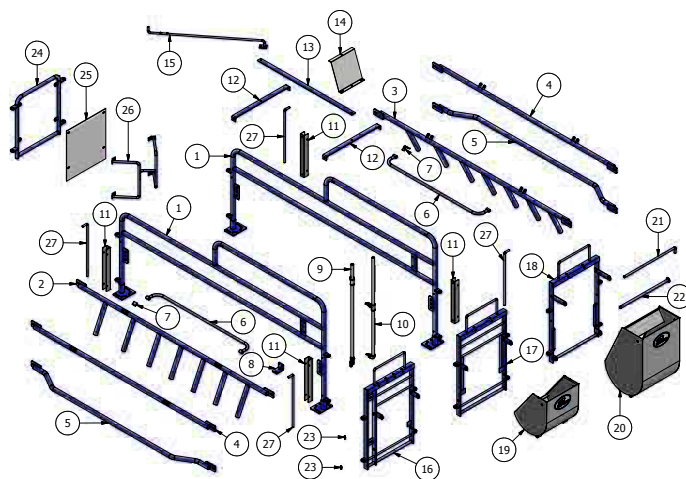


## Advantage Crate Parts List - (Tubular)

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

Key	Part#	Qty.	Description
1	1250500002	2	Side 7'-0"
1	1250542001	2	Side 7'-6"
2	1250420000	1	Finger Bar 7'-0"
2	1250460000	1	Finger Bar 7'-6" Right [85"]
3	125042000	1	Finger Bar 7'-0"
3	1250470000	1	Finger Bar 7'-6" Left [85"]
4	1250410000	2	Bolt-On Bar 7'-0"
4	1250380000	2	Bolt-On Bar 7'-6"
5	1250400000	2	Bow Bar 7'-0"
5	1250370000	2	Bow Bar 7'-6"
6	1260370000	2	Solid Anti-Crush Bar 40-3/4"
7	1250780500	2	Anti-Crush Bar Stop
8	1250050000	1	Water Bracket Bent
9	8150620500	1	Sampson Waterer SS [Large Bowl Door & Small Bowl Centered Door]
10	8150600700	1	European Waterer [Small Bowl Offset Door]
11	1250790500	4	U-Channel
12	1250850000	2	Top Strap 23-7/16
13	1250810000	1	Top Center Strap 40-1/2"
14	1000970700	1	Chart Plate 10"
15	1000160000	1	Heat Lamp Arm
16	1260101100	1	Front Door Offset [Small Bowl] Assembly
17	1250261100	1	Front Door [Small Bowl] Assembly
18	1250281101	1	Front Door [Large Bowl] Assembly
19	7150040500	1	Sow Feeder [Small Bowl] 304 SS



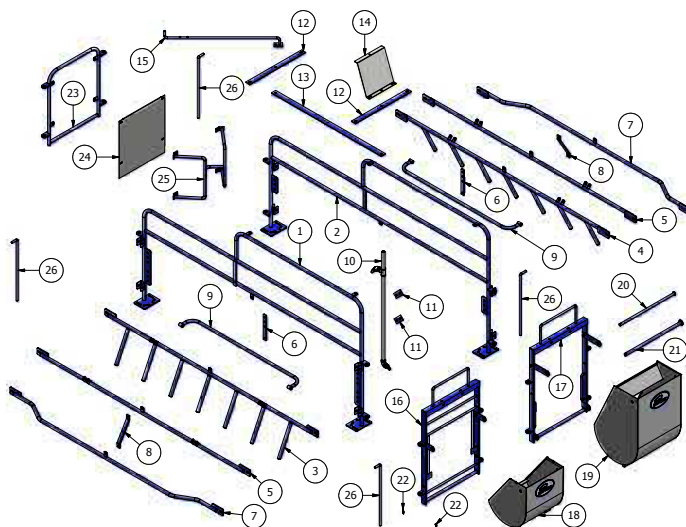
Key	Part#	Qty.	Description
20	7150070500	1	Sow Feeder [Large Bowl] 304 SS
21	1230050000	1	Retainer Rod [Small Bowl Offset]
21	5150020000	1	Retainer Rod [Large Bowl & Small Bowl Centered]
22	1231160000	1	Pivot Rod [Small Bowl Offset]
22	5150010000	1	Pivot Rod [Large Bowl & Small Bowl Centered]
23	9900020000	2	Hair Clip Pin (60635)
24	1250200020	1	Rear Door
25	1250900700	1	Rear Door (Sheet Metal)
25	1250890000	1	Rear Door (Polyboard)
26	1250310000	1	Bolt-On Rump Rail
27	1000100000	4	1/2" X 19-3/4" Crate Rod

## Advantage Crate Parts List - (Solid Rod)

### ⚠ WARNING:

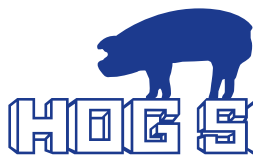
This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

Key	Part#	Qty.	Description
1	1260600000	1	7' Side Bow Bar [Right]
1	1260600001	1	7' Side Finger Bar [Right]
1	1260610004	1	7'-6" Side Finger Bar [Right]
2	1260500000	1	7' Side Bow Bar [Left]
2	1260500001	1	7' Side Finger Bar [Left]
2	1260510004	1	7'-6" Side Finger Bar [Left]
3	1260420000	1	7' Solid Finger Bar
3	1260430000	1	7'-6" Solid Finger Bar [Right]
4	1260420000	1	7' Solid Finger Bar
4	1260440000	1	7'-6" Solid Finger Bar [Left]
5	1260400000	2	7' Solid Bolt-On Bar
6	1260450000	2	Finger/Bolt-On Bar Brace
7	1260460000	2	7' Solid Bow Bar
8	1260470000	2	Bow Bar Brace
9	1260370000	2	Anti-Crush Bar
10	8150620500	1	Sampson Waterer Ss
11	1260890000	2	Waterer Backup Plate



Key	Part#	Qty.	Description
12	1260800000	2	Top Strap
13	1250810000	1	Top Center Strap
14	1000970700	1	Chart Plate 10"
15	1000120000	1	7' Heat Lamp Arm
15	1000160000	1	7'-6" Heat Lamp Arm
16	1250261100	1	Front Door [Small Bowl] Assembly
17	1250281101	1	Front Door [Large Bowl] Assembly
18	7150040500	1	Sow Feeder [Small Bowl] 304 Ss
19	7150070500	1	Sow Feeder [Large Bowl] 304 Ss
20	5150020100	1	Retainer Rod
21	5150010000	1	Pivot Rod
22	9900020000	2	Hair Clip Pin (60635)
23	1260200000	1	Rear Door
24	1250900700	1	Rear Door Punch
25	1250310000	1	Bolt-On Rump Rail
26	1000100000	4	1/2" X 19-3/4" Crate Rod

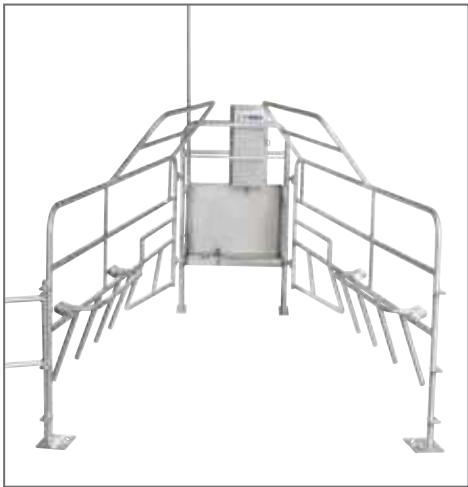
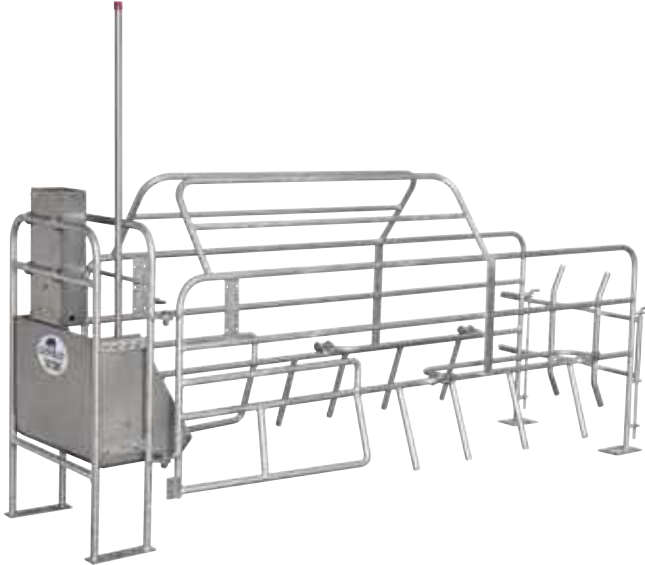




# Swing Side Farrowing Crate

Hog Slat's Swing Side provides maximum flexibility in crate design when undertaking complex remodeling or state-of-art new construction. Choose from multiple options to build the best farrowing crate for your next project.

Base model with stationary head gate mounts against wall or head-to-head layouts. SowMAX feed dispenser eliminates need for front alley.



The crates sides swing open to aid sow handling when filling or unloading crates.

Choose a Walk-Thru gate for floor plans with a front alley. Shown with small bowl feeder, SowMax and bow bar sides. All models are available in tubular or solid rod construction.

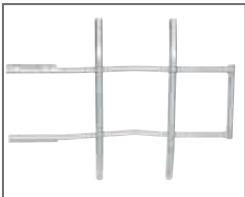
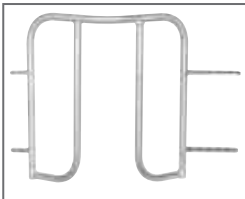
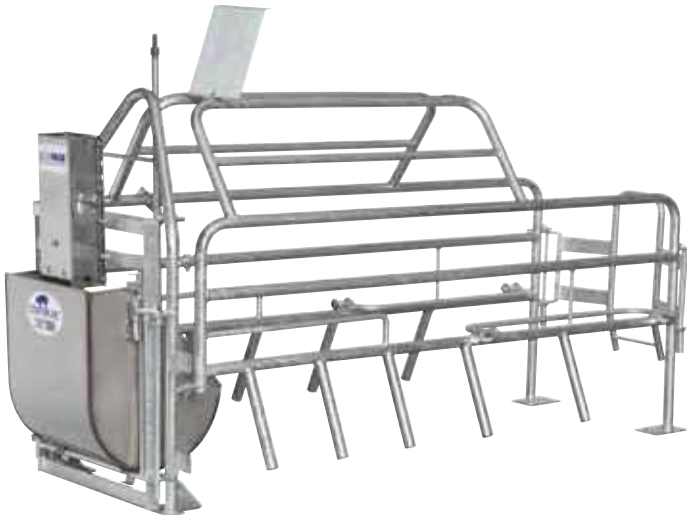


Anti-crush bar slows sow ascent to limit pig losses.

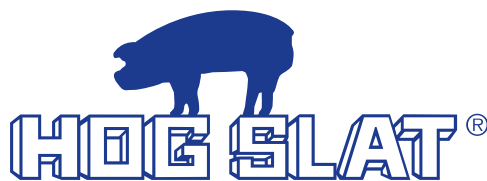


Simple height adjustment of bottom rail.

Customize the Swing Side crate with finger bar sides, large capacity feeder with either a galvanized or painted finish.



Options include several styles of rear gates.



# Ultimate Farrowing Crate

Our Premium Crate designed to maximize adjustability. Constructed of 7/8" solid rod and available in 7', 7'6" & 8' lengths. Shown with SowMAX dispenser.

**WARNING:**  
This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Rear Door

Solid plastic door with double vertical rump rails.



## Loop Finger Bars

Welfare-friendly loop style fingers precisely placed for excellent teat access and pig protection. Standard anti-crush bars slow sow's descent to save pigs and flip up when sow stands.



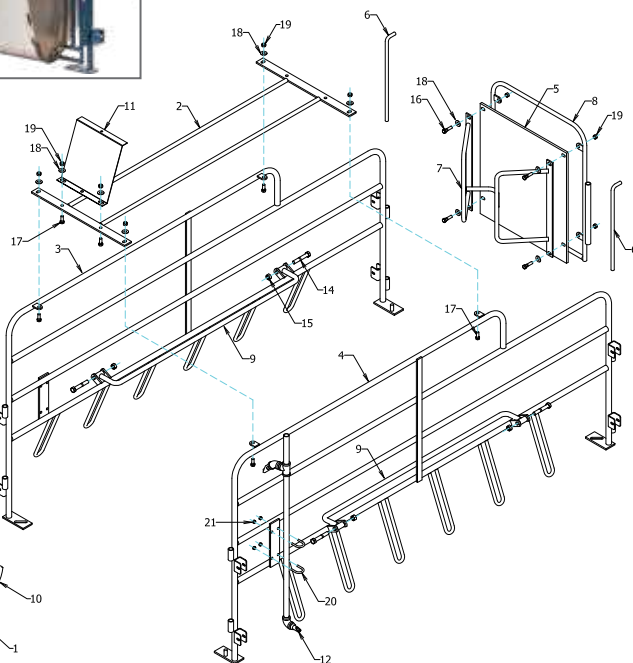
## Large Wet/Dry Bowl Feeder

Optional large Wet/Dry sow feeder features pivot-in-place, tip-out easy cleaning. 16" width provides maximum head room for sow comfort.

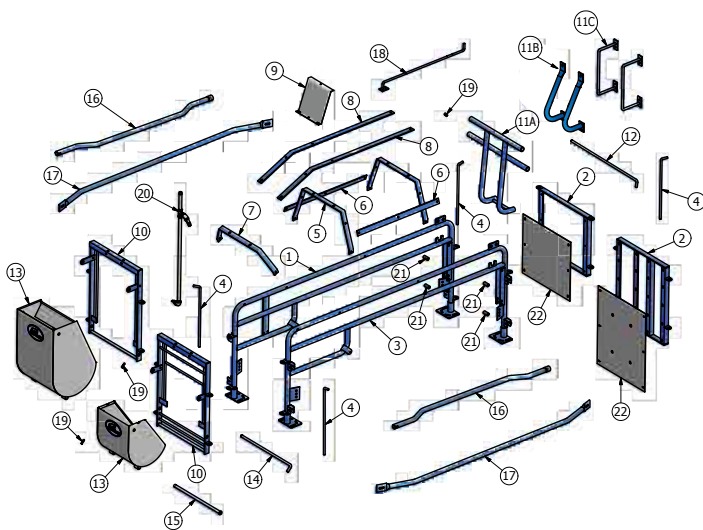


## Ultimate Crate Parts List

- 1) #1700100100.....Ultimate Crate Front Door (small feeder)
- #1700110100 ...Ultimate Crate Front Door (large feeder)
- 2) #1700800100 .....Ultimate Crate Top 51"
- 3) #1700650100 ...Ultimate Crate Side Right (7'6")
- #1700600100...Ultimate Crate Side Right (7'0")
- 4) #1170550100 .....Ultimate Crate Side Left (7'6")
- #1700500100.....Ultimate Crate Side Left (7'0")
- 5) #1700900000...Ultimate Crate Rear Door PVC Panel
- 6) #1700010100 .....Ultimate Crate Rear Gate Rod
- 7) #1700300100.....Ultimate Crate Rump Rail
- 8) #1700200100.....Ultimate Crate Rear Door
- 9) #1240400100 ....Ultimate Crate Anti-Crush Bar
- 10) .....See Page 89 for Feeder Options
- 11) #1000970700 .....Chart Plate 10"
- 12) #8150620700 .....Sampson Waterer (56612)
- 13) #7150890500 .....SowMAX Feeder
- 14) #60539 .....1/2" x 3" Bolt
- 15) #60683 .....1/2" Locknut
- 16) #9403752102 .....3/8" x 1-1/2" Bolt
- 17) #9623750310 .....3/8" x 1" Bolt
- 18) #60581 .....3/8" Flatwasher
- 19) #60682 .....3/8" Locknut
- 20) #60702 .....U-bolt 5/16" x 1-3/8" x 1-13/16"
- 21) #60681 .....5/16" Locknut
- 22) #60531 .....1/4" x 3/4" Bolt
- 23) #60680.....1/4" Locknut
- 24) #9623130511 .....1/4" x 1-3/4" U-bolt



Note: Remove (2) 1/4" bolts from SowMAX (second from bottom) this will allow SowMAX to sit flush with plate on door.



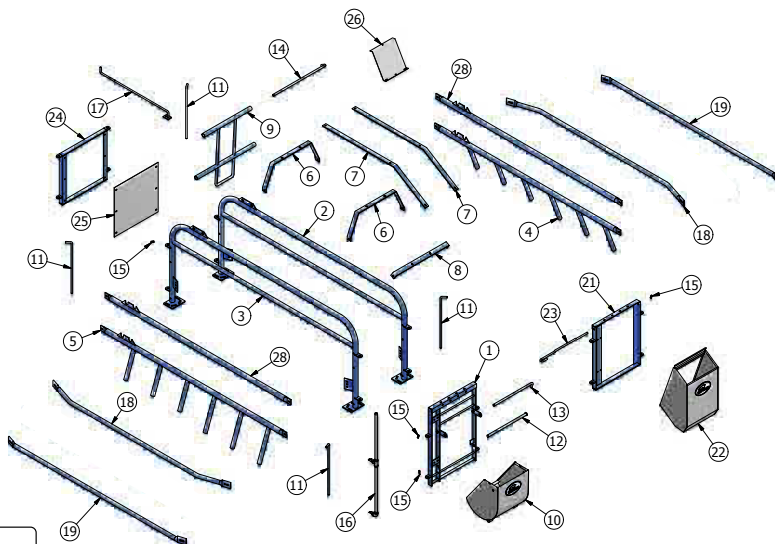
## Sampson Crate Parts List - Painted

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

- |                |   |
|----------------|---|
| 1) #1010640111 | Sampson Side 7'0" Rt.                     |
| #1010650111    | Sampson Side 7'6" Lt.                     |
| #1010640100    | Sampson Side 7'0" Rt. (Old Style 1994-95) |
| #1010650100    | Sampson Side 7'6" Lt. (Old Style 1994-95) |
| 2) #1050200100 | Rear Door (Standard)                      |
| #1010230100    | Rear Door (Bolt-On Rump Rail)             |

- |                  |   |
|------------------|---|
| 3) #1010540111   | Sampson Side 7'0" Lt.                     |
| #1010550111      | Sampson Side 7'6" Lt.                     |
| #1010540100      | Sampson Side 7'0" Lt. (Old Style 1994-95) |
| #1010550100      | Sampson Side 7'6" Rt. (Old Style 1994-95) |
| 4) #1000100100   | 19-3/4" Gate Rod                          |
| 5) #1010810102   | Short Top                                 |
| 6) #1010830100   | Side Top                                  |
| 7) #1010850100   | Front Top                                 |
| 8) #1010820102   | Long Top #3                               |
| 9) #1000970700   | Chart Plate 10"                           |
| 10) #1010150100  | Front Door (Small Bowl Ass'y)             |
| #1010160100      | Front Door (Large Bowl Ass'y)             |
| 11A) #1010340100 | Rump Rail, Hanging                        |
| 11B) #1010380101 | Rump Rail Murphy Style, Bolt-On           |
| 11C) #1010300100 | Rump Rail                                 |
| 12) #1010350100  | Rump Rail Rod                             |
| 13) #7150040500  | Feeder (Small Platinum) 304 SS            |
| #7150070500      | Feeder (Large Platinum) 304 SS            |
| 14) #1100050100  | Retainer Rod                              |
| 15) #1101160100  | Pivot Rod                                 |
| 16) #1010400100  | Pivot Bar 57-1/2" for 7'0"                |
| #1010410100      | Pivot Bar 63-1/2" for 7'6"                |
| 17) #1010420103  | Bow Bar 7'0"                              |
| #1010430103      | Bow Bar 7'6"                              |
| #1010420100      | Bow Bar 7'0" (1994-95)                    |
| #1010430100      | Bow Bar 7'6" (1994-95)                    |
| 18) #1000120100  | Heat Lamp Arm                             |
| 19) #60635       | Hair Clip Pin                             |
| 20) #8150620700  | Sampson Water                             |
| 21) #1014990000  | Rubber Sleeve                             |
| 22) #1050900700  | Sheet Metal Rear Door (Standard)          |
| #1010900700      | Sheet Metal Rear Door (Bolt-On Rump Rail) |
| #1050880000      | Polyboard (Standard)                      |



## European Crate Parts List

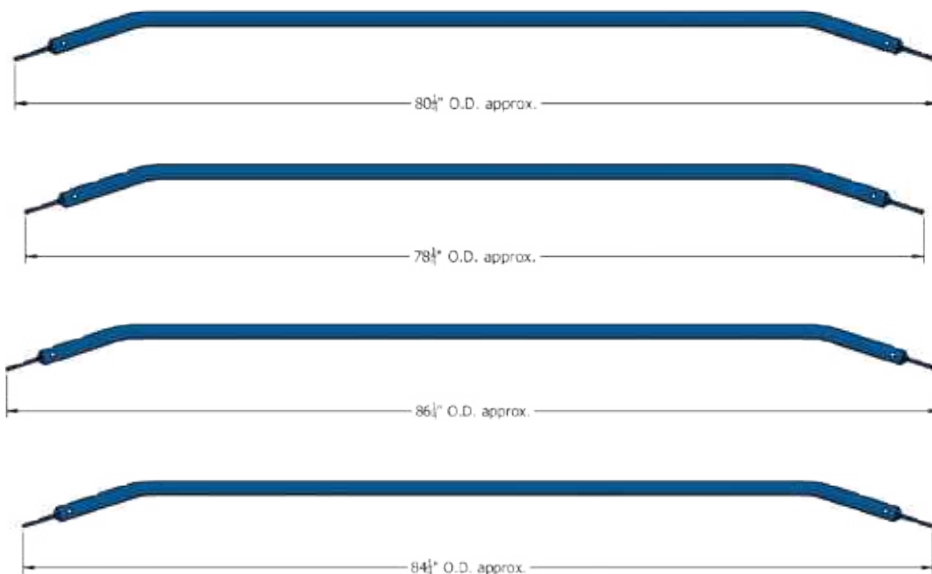
### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

- |                 |                            |
|-----------------|----------------------------|
| 1) #1230140101  | Front Door                 |
| 2) #1230500100  | Left Side 7'0"             |
| #1230510100     | Left Side 7'6"             |
| 3) #1230600100  | Right Side 7'0"            |
| #1230610100     | Right Side 7'6"            |
| 4) #1230360100  | Left Side Finger Bar 7'0"  |
| #1230370100     | Left Side Finger Bar 7'6"  |
| 5) #1230380100  | Right Side Finger Bar 7'0" |
| #1230390100     | Right Side Finger Bar 7'6" |
| 6) #1230810100  | Short Top                  |
| 7) #1230820100  | Long Top                   |
| 8) #1230800100  | Flat Top                   |
| 9) #1230300100  | Rump Rail                  |
| 10) #7150040500 | Small Feeder 304 SS        |
| 11) #1000100100 | Gate Rods 1/2" x 19-3/4"   |
| 12) #1231160100 | Pivot Rod                  |
| 13) #1230050100 | Retainer Rod 5/8" x 17"    |

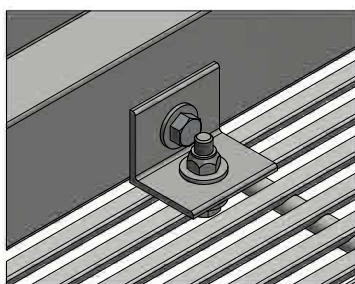
- |                 |  |
|-----------------|--|
| 14) #1230310100 | Rump Rail Rod                          |
| 15) #60635      | Hair Clip Pin                          |
| 16) #8150600700 | Nipple Water Assy                      |
| NA) #1232600200 | Water Assy Bracket, 1-1/2" x 4", Galv. |
|                 | See page 78 for U-Bolts                |
| 17) #1000120100 | Heat Lamp Brkt Arm                     |
| 18) #1230400100 | Bow Bar 7'0" (Regular)                 |
| #1230410100     | Bow Bar 7'6" (Regular)                 |
| 19) #1230440100 | Bow Bar 7'0" (Straight)                |
| #1230450100     | Bow Bar 7'6" (Straight)                |
| 21) #1230100100 | Euro Front Door (Flat Bottom Feeder)   |
| 22) #7150070500 | Large Feeder 304 SS                    |
| 23) #1231320100 | European Latch Rod                     |
| 24) #1230200100 | Rear Door                              |
| 25) #1230900700 | Galv. Sheet Metal for Rear Door        |
| 25) #1231840000 | PVC for Rear Door 16" x 19-1/2"        |
| 26) #1000970700 | Chart Plate                            |
| 28) #1230420100 | Bolt on Bar 7'0"                       |
| #1230430100     | Bolt on Bar 7'6"                       |





### Bow Bars, Painted

- A) #1010420100 ..... 80-1/4" (7' for old style crates 1994-1995)  
 B) #1010420103 ..... 78-1/4" (7' for current crates)  
 C) #1010430100 ..... 86-1/4" (7'6" for old style crates 1994-1995)  
 D) #1010430103 ..... 84-1/2" Current 7'6" (For Current Sampson Crate Produced 1995 to Present)



### Creep Panel Starter Angle

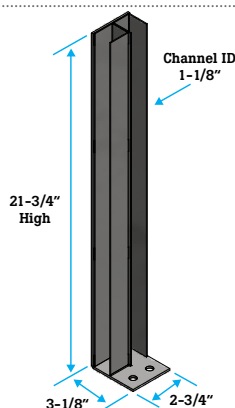
Secure end creep panel in place with this stainless steel clip. Mounting hardware not included, suggested hardware for mounting to TriDEK:

- (1) 3/8" x 1-1/2" SS bolt (60610)  
 (2) 3/8" SS washer (60670)  
 (1) 3/8" SS locknut (60612)

- #1000200500 ..... SS starter angle

#### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



### Creep Panel Corner Posts

- #1000750100 ..... 2-way, left, painted  
 #1000750200 ..... 2-way, left, galvanized  
 #1000740100 ..... 2-way, right, painted  
 #1000740200 ..... 2-way, right, galvanized  
 #1000650100 ..... 3-way, front creep, painted

#### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

### Galvanized and Stainless Steel Creep Panels

Rugged creep panels are constructed of 16 ga. steel in your choice of galvanized or stainless steel construction.

21-7/8" standard height with lengths to match your crates and flooring configuration.

Call us for details and a quote on specific panel lengths.

#### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

### Poly & Galvanized Rear Door Panel

- #1230900700 ..... 19" x 19-1/2", Galv. (Euro)  
 #1050900700 ..... 19-1/8" x 21", Galv. (Humboldt and Sampson)  
 #1010900700 ..... 21" x 25-3/8", Galv. (bolt-on rump rail)  
 #1231840000 ..... 1/8" x 19" x 19-1/2" Poly Replacement Door (panel only)

#### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

### Bow Bar for Euro Crate

- #1230400100 ..... 7' (regular bend)  
 #1230410100 ..... 7'6" (regular bend)

#### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

### Finger Bars for Euro Crate

- #1230380200 ..... Right Galvanized Euro 7'  
 #1230360200 ..... Left Galvanized Euro 7'  
 #1230380100 ..... Right Painted Euro 7'  
 #1230360100 ..... Left Painted Euro 7'  
 #1230390200 ..... Right Galvanized Euro 7'6"  
 #1230370200 ..... Left Galvanized Euro 7'6"  
 #1230390100 ..... Right Painted Euro 7'6"  
 #1230370100 ..... Left Painted Euro 7'6"

#### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



### Crate Replacements Legs, Painted

- #1010960100 ..... Universal Sampson, Right 7"  
 #1010920100 ..... Universal Sampson, Left 7"  
 #1230930101 ..... Euro, Left Side, 12"  
 #1230930111 ..... Euro, Right Side, 12"

#### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



#1000970700



#1097

### Galvanized Chart Plate

10-inch wide plate with 2 bends.

- #1000970700 ..... Chart plate  
 #1097 ..... 3" bulldog clip

#### WARNING:

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# SOWMAX

## AdLib Sow Feeder

With SowMAX you'll do a better job of feeding lactating sows and you'll do it with less labor. Fill the hopper in the morning and fresh feed is always available... day or night. Reduce labor. Reduce feed waste. Feed sows better.

### SowMAX offers these advantages:

#### 100% Stainless Steel construction.

There are no plastic parts to wear or go out of adjustment.

#### No motors or electronics.

Many systems use a metering motor to dispense the feed and ear tags to start the motor. SowMAX uses the simple action of the sow activating a lever - no motors to replace or ear tags to lose.

#### Adapts to existing feeders and delivery systems.

Choose from a 16 lb. hopper for hand filling or install with a feed system to automatically fill the dispensers. Adapts to most existing farrowing feeders with simple brackets.

#### Positive actuation and adjustment.

Other systems utilize a bumper ball or bar that can vary in the amount of feed delivered. With SowMAX, you adjust the amount, and the trigger mechanism dispenses that exact amount every time the sow activates the lever.



### SowMAX eBook

Illustrated SowMAX manual with instructions for feeding lactating sows. Download your free copy at [www.hogslat.com](http://www.hogslat.com)

Learn more about the advantages of SowMAX dispensers feeding weaned sows in breeding. Go to [www.hogslat.com](http://www.hogslat.com) and search for SowMAX. You'll find blogs and videos with more information.



### SowMAX Dispenser

#7150890500..... SowMAX dispenser (439 SS)

#### Mounting Hardware Requires Two Each

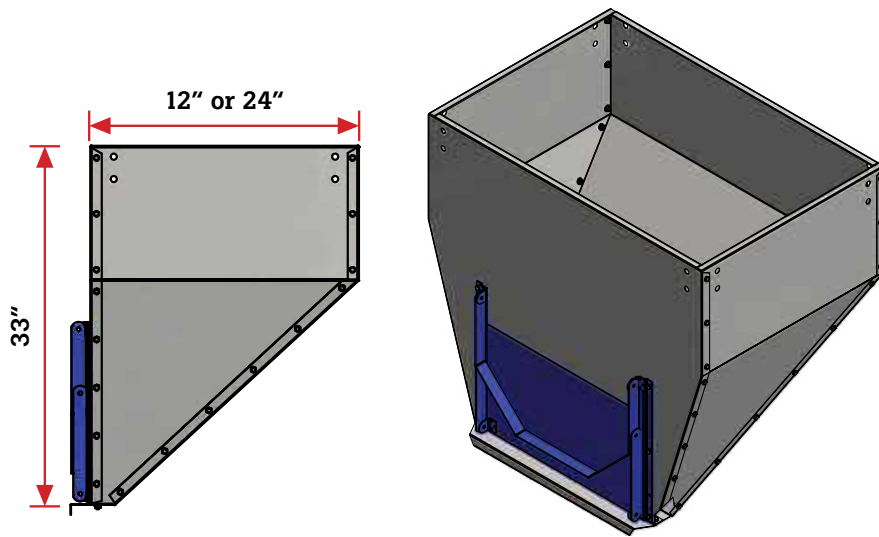
1) #60501 1/4" x 3/4" zinc bolt

1) #60680 1/4" lock nut



### SowMAX Hopper

#HS535 .....Plastic 16 lb. hopper



## Feed Hoppers w/ Grain Gate

Heavy galvanized steel hopper available in 200 and 400-pound sizes. Painted grain gate with 8" x 20" opening fills feed carts fast. Mounts from the ceiling with four 36" long painted brackets. Unassembled.

#7060611700	24" x 36" x 32" Unassembled
#7060621700	12" x 36" x 32" Unassembled
#7000360000	1/4" x 2" x 36" Brackets

**WARNING:** This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## Sow Feeders

A) #7150040500	14" x 15" Small Bowl
B) #7150070500	16" x 24" Large Bowl
C) #7150780500	Wet/Dry sow Feeder w/ pipe nipple right
#7150800500	Wet/Dry sow Feeder w/ pipe nipple left (does not include AquaFlo Trigger Nipple, see page 123)
D) #7160230500	16" sow feeder w/ divide, left
#7160290500	16" sow feeder w/ divide, right
E) #8152191500	48" SS pipe w/ nipple

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## Farrowing Drop Feeder

- Flexible sleeve for full range of movement
- Spring-loaded stainless steel discharge cup
- 3" x 36" drop tube with volume markings and slide band



#HS738..... Farrowing drop feeder



Hand crank adjusts tube height with indexed markings for repeatable settings.

## Sow Feeder with PVC tube

#7160250500..... 16" wide, Left (pictured above)  
#7160251500..... 16" wide, Right

### WARNING:

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# Longer Lasting Slats that Are Easier on Feet and Joints

Many methods used for producing concrete slats consist of placing wet cast concrete into multiple steel forms and hand troweling to finish. It is harder to build slats with a consistently flat surface by hand finishing methods. We produce slats with a different process that eliminates the uneven surface found on hand cast slats. Automated Rotoscreeds "strike off" the mold creating a level, uniformly flat top that is easier for pigs to move across.

After placing the concrete, spinning ROTOSCREEDS strike off the mold. This machine process enables us to work the ZERO slump mixture. It's not possible to work ZERO slump concrete by hand troweling. Our automated process eliminates the variation caused by hand troweling. One of the key features of our slats is the uniform FLAT top which is easier on your pigs' feet. There are no humps on the slats caused by hand troweling the edges.



## Machined Slat (cross-section)



### Steam Curing Reduces Variation

After casting, each slat is STEAM CURED in climate-controlled tents. Steam provides the heat necessary for accelerated curing and the moisture to prevent stress cracks and shrinkage. In only a

few hours, we are able to harden slats that exceed 28-day strengths of normally cured concrete. Hot, dry weather or cold, wet conditions don't affect the quality of the slats delivered to your farm. It is very important proper steam curing procedures are followed to ensure long-term durability of the slats. The rate of temperature gain and the maximum temperature in the curing chamber must be controlled and monitored using accepted industry guidelines and practices. Failure to do this can result in a shortened life span of the concrete slats due to delayed ettringite formation (DEF), a condition that leads to early deterioration of the concrete when exposed to an environment similar to that found in a hog barn.

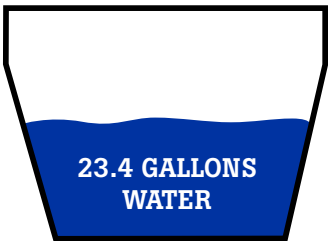


### Low Cement-Water Ratio Yields Longer Lasting Slats

The water-cement ratio refers to the ratio of the water weight to the cement weight used in a concrete mix. A lower ratio leads to higher strength and durability but makes the mix difficult to work with and form. For this reason, most slats are produced with wet cast concrete using a water-cement ratio of 0.5. Hog Slat manufactures slats from dry cast concrete with a water-cement ratio of less than .39. A cubic yard of wet cast concrete formulated with 500 pounds of cement contains 250 pounds of water, while a dry cast mix only contains 195 pounds. As the excess water leaves during the curing process, it creates microscopic pores that reduce the final strength of a slat.



### Dry Cast Concrete



**.38 Cement-Water  
Ratio  
500 lbs. Cement**

### Wet Cast Concrete



**.50 Cement-Water  
Ratio  
500 lbs. Cement**



## Hog Slat

Hog Slat is the world leader in the production of high quality concrete slats. Machine manufactured with a strong, dry cast concrete mix and reinforced with high tensile steel mats.



Standard sizes include 4' width and either 8' or 10' lengths. A special 2' width is available for remodeling. Choose 1" openings for wean to finish or 1-1/2" slots for gestation and breeding. All concrete gang slats are 4" in depth with broom finished 5" top.

#1214 .....	2' x 8' x 1" slot
#1218 .....	4' x 8' x 1" slot
#1222 .....	4' x 8' x 1-1/2" slot
#1213 .....	4' x 8' solid (no slot openings)
#1231 .....	2' x 10' x 1" slot
#1228 .....	4' x 10' x 1" slot
#1236 .....	4' x 10' x 1-1/2" slot
#1230 .....	4' x 10' solid (no slot openings)

## T Slats

Single T Slats are great choice for replacing slats in older facilities. Self-spacing design maintains accurate 1" slot spacing while allowing the opposite end to be cut to length. Slats are 4" in depth with 6" broom finished top.



#1314T .....	4'
#1316T .....	5'
#1318T .....	6'
#1320T .....	7'
#1322T .....	8'
#1324T .....	9'
#1326T .....	10'

## Lintels

High strength concrete lintels are key to providing solid support for concrete flooring systems. Manufactured with the same dry cast process as our slats to hold up under the harshest conditions.



#1440 .....	8' x 8" x 10' long
#1442 .....	8" x 10" x 10' long
#1444 .....	8" x 10" x 12' long



**We are the leading  
Slat Replacement  
Professionals in  
the U.S.**

## Service Area Coverage



When our team of professionals starts a project they commit themselves to get it done in the timeliest manner possible.

We use the latest tools, techniques and equipment. By doing our own site work, we have better control of the project schedule and can expedite the project which helps cut our clients downtime and saves them money as well!

Every customer is unique, every situation is different. People turn to us for many reasons, but the #1 reason is Trust!

**Working with  
Hog Slat to provide  
the best slat  
replacement in the US.**

- Inspections
- Slat and beam replacement
- Barn conversions
- Post Repair
- Equipment removal and installations



Before



After

**1-888-435-2210**

**[www.altenburgconstruction.com](http://www.altenburgconstruction.com)**

**[office@altenburgconstruction.com](mailto:office@altenburgconstruction.com)**

**221 PV Street N. • Lewisville, MN 56060**



# **Feed Bunks**

- High-strength steel reinforcement
- Minimum of 5,000 psi concrete
- Pre-formed front holes for mounting accessories and posts
- High back wall to prevent feed waste
- Chamfered front and rear wall top to prevent injury
- Smooth interior to promote complete clean up and improved sanitation
- Front and rear 2" chamfers in the trough to eliminate corners feed could accumulate.
- \*10' Long x 23" Wide x 16" Deep (Trough Measurements)
- Weight: 4,000 pounds.

## **10' MEGA Slope-Back Bunk Mold**

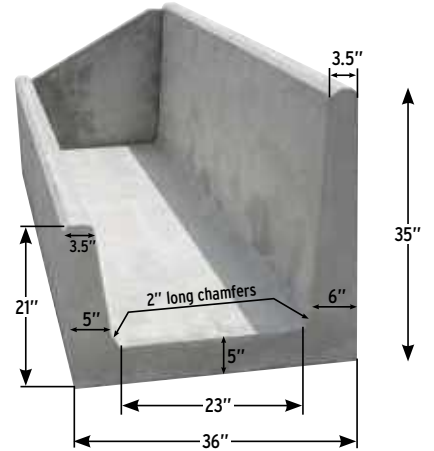
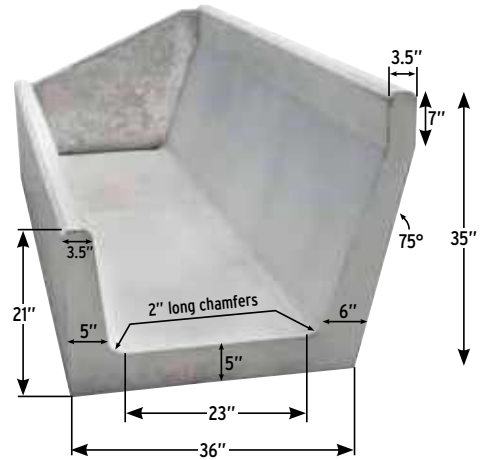


#SDFBSLANTBK10.....10' Sloped Back Bunk  
 #SDFBSLANTBKEC.....Slope Back End Cap

## **10' MEGA Straight-Back Bunk Mold**



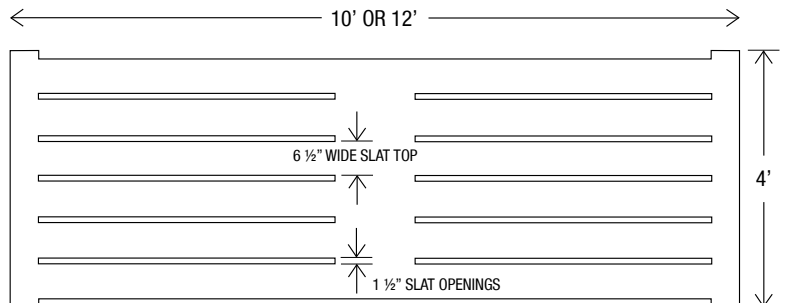
#SDFBSTRTTBK10.....10' Straight Back Bunk  
 #SDFBSTRTTBKEC.....Straight Back End Cap



## **Cattle Slats**

Cattle gang slats are 4' wide and are available in either 8', 10', 12' lengths. Cattle slats are 6" deep with 6-1/2" slat tops and 1-1/2" openings. Slats come standard with a broom finish. Lintels feature extra steel support and stirrups.

#1334.....4' x 8'  
 #1336.....4' x 10'  
 #1338.....4' x 12'  
 #1330.....4' x 8' solid  
 #1332.....4' x 10' solid  
 #1344.....8" x 10" x 12' long cattle lintel





# FROM THE GROUND UP



## CATTLE BARN CONSTRUCTION SERVICES

With extensive resources of each phase of the construction project, you can be assured Hog Slat has you covered. Our unique position as a national turn-key construction contractor allows us to control and ensure the finished quality of all project phases and installation of equipment including our pre-cast cattle feeding bunks, pre-cast cattle slats (deep pit systems), and other required systems.

Backed by innovative engineering, technology, and more than 50 years of industry experience we strive to deliver quality products and services to agricultural producers.



**With extensive resources for each phase and design of your project, you can be assured Hog Slat has you covered.**

**Included in all of our projects:**

- Consultation
- Blueprints
- Building design
- Complete building construction
- Site supervision of all construction phases



## Floor Frames

- Heavy-duty Hog Slat farrowing frames are constructed from 3/8" x 2" bar stock.
- Nursery frames are constructed from 1/4" x 2" or 3/8" x 2" bar stock.
- After fabrication, they are cleaned and powder coated to produce a high quality, baked-on enamel finish.
- Many sizes available



Painted	Galvanized	Description
#3110680100		4' x 8' - Nursery frame
#3110660100		4' x 10' - Nursery frame
#3110600100		5' x 10' - Nursery frame
#3120180101	#3120180201	4' 6" x 7' - Farrowing frame
#3120040100		4' 6" x 7' 6" - Farrowing frame
#3120100102	#3120100202	5' x 7' - Farrowing frame
#3120140101	#3120140201	5' x 7' 6" - Farrowing frame
#3120280100		5' 6" x 7' 6" - Farrowing frame

### ⚠ WARNING:

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## Floor Frame Legs



#3100730100



#3100430100



#3100720100

#3100720100	Angle leg, 5-3/4" , Left, Painted
#3100720200	Angle leg, 5-3/4" , Left , Galvanized
#3100730100	Angle leg, 5-3/4" , Right, Painted
#3100730200	Angle leg, 5-3/4" , Right, Galvanized
#3100430100	Angle leg, 4" , Straight, Painted
#3100430200	Angle leg, 4" , Straight, Galvanized

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## Woven Wire Flooring

- Wire flooring is unequaled for thorough flushing and self-cleaning.
- Available in any size in either 3 gauge or 5/16"

### Standard Farrowing sizes:

- 5' x 7'
- 5' x 7'6"

### Standard Nursery sizes:

- 4' x 8'
- 4' x 10'



#322007	4' x 8' - #3 gauge woven wire
#322009	4' x 10' - #3 gauge woven wire
#322014	5' x 7' - #3 gauge woven wire
#322077	5' x 7' 6" - #3 gauge woven wire
#322019	5' x 10' - #3 gauge woven wire
#322022	5' 6" x 10' - #3 gauge woven wire
#322006	4' x 8' - New "Super Heavy"
#322008	4' x 10' - New "Super Heavy"
#322010	4' 6" x 7' - New "Super Heavy"
#322048	4' 6" x 7' 6" - New "Super Heavy"
#322013	5' x 7' - New "Super Heavy"
#322016	5' x 7' 6" - New "Super Heavy"
#322018	5' x 10' - New "Super Heavy"
#327011	5' 6" x 7' 6" - New "Super Heavy"

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## Plastic Flooring

High-tech injection molding from virgin quality Polypropylene Copolymer creates durable, long-lasting plastic flooring. Available in multiple grid configurations and sizes, Hog Slat's plastic flooring adapts to any building scheme.



## Chess Nursery

Self-cleaning, 3/8" slots arranged in a multidirection pattern give nursery pigs optimum traction. Sturdy design supports wider spans, reducing support beam costs. Suitable for pigs up to 130 lbs.

#MK00337-HS	24" x 23-5/8"
#MK00112-HS	24" x 3-15/16"



## DUO Support Beams

Composite fiberglass beam ensures a stable and durable flooring support. End cap protects and supports beams.

#MK22000	L, 4.75" high
#MK20000	XL, 6" high

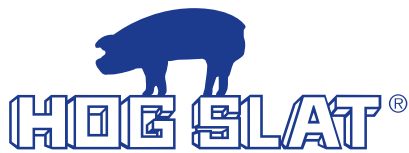


## DUO Support Leg Set

Provides intermediate support for longer beam installations

#MK24100	Upper & lower bracket, no pipe
#MK25201	Green, fiberglass support tube, 72" long



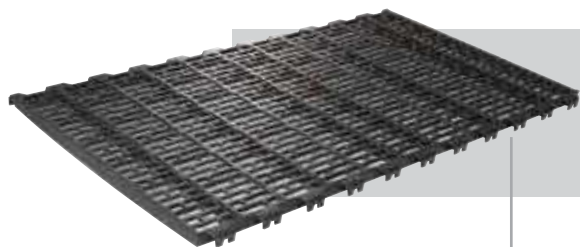


# Modular Plastic Farrowing Floors

Modular components are configured to match almost any size of farrowing layout. Choose from durable cast iron or Swing plastic center sections paired with interlocking creep sections.

## Cast Iron Center Section

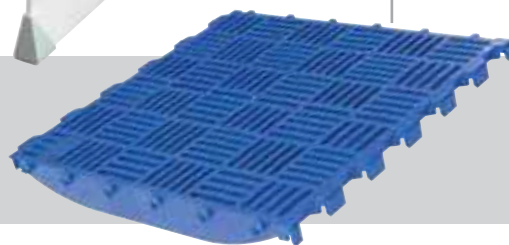
Smooth edge openings reduce sow injuries. Longer sizes require only two sections per crate preventing sows from moving a section out of place.



Center sections dovetail with creep panels and lock on to the DUO fiberglass supports. End cap pedestal seals and stabilizes supports.

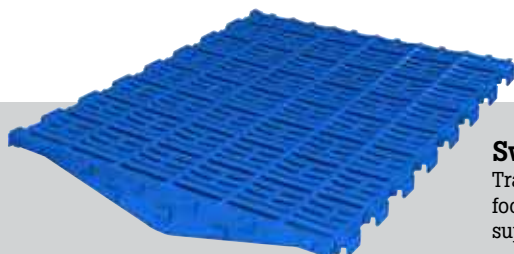
## Creep Panels

Offers an excellent combination of traction, comfort, and cleanliness for small piglets. Available in a variety of sizes with 3/8" slot width. Solid creep floors panels are also available.



## Swing Sow Sections

Traditional center panel with extra ridges and raised ribs for secure sow footing. Interlocks with creep sections and snap into place on DUO beam supports. Available in multiple sizes.





# TRIDEK Flooring

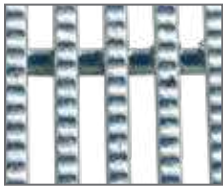


**Triangular surface bars make it the cleanest floor!**

- It stays cleaner – easiest to clean between groups
- Cleaner than the other floors on the market



**All TRIDEK Flooring is RESISTANCE WELDED for superior strength.**



**Multiple surface options**

- Smooth or No-Slip Dimpled surface to provide your preferred level of traction.
- Standard flat deck or optional traction breaks.



**Great for nursery and farrowing remodels!**

- Hot-dipped galvanized for longevity
- 30" standard width
- Available in custom sizes up to 144" long.

## Cast and TRIDEK Combo

This unique combo offers producers a distinctive option. Self supporting galvanized TRIDEK creep sections lock the two-piece cast into a stable farrowing platform. The two-piece cast center section eliminates multiple joints.

- #3211920201 ..... 18-3/8" x 84" TRIDEK creep section  
 #HBD24X42 ..... 24" x 42" Flat cast- black  
 #HBD24X48 ..... 24" x 48" Flat cast - black

**⚠ WARNING:**

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## TRIDEK Floor Patch



1. Cut out the section of damaged wire along floor frame supports



2. Insert TRIDEK patch in floor catching the Z Hooks under the support in the front of the cut out



3. Pressing the TRIDEK patch down locks the Z Hooks on the support without additional fasteners



4. Crate anchors hold the TRIDEK patch in place

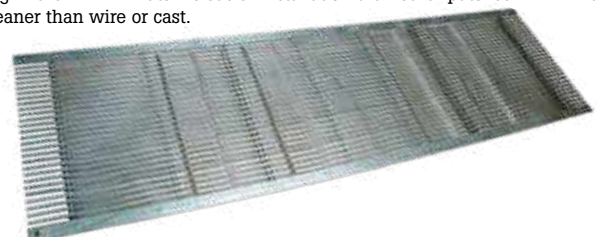
- #3300010200 ..... TRIDEK patch 26" x 28-1/2"  
 #3310570200 ..... TRIDEK patch 24-5/16" x 24"  
 #3310580200 ..... TRIDEK patch 24-5/16" x 36"  
 #3310000200 ..... TRIDEK patch 30" x 39-3/4"

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**Custom sizes are available to match your floor!**

- The TRIDEK Patch allows a producer to cut out the worn wire flooring, then replace it by dropping the TRIDEK Patch in.
- Dropping in the TRIDEK Patch is easier installation than other patches. TRIDEK also stays cleaner than wire or cast.



**TRIDEK Floor Patch (24-5/16" x 84")**

- For replacing the entire center of the floor

- #3180810200 ..... 24-5/16" x 84"



## PVC Plank

- Finish plank - For animals 120 lbs. and up
- Nursery plank - For animals 30 lbs. to 120 lbs.
- Creep plank - For animals up to 30 lbs.
- Field cut to fit

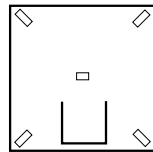
#HSCP-1016	2" x 38" x 20' Finish plank
#HSCP-1013	2" x 38" x 24' Finish plank
#HSPN-15020	1-1/2" x 30" x 20' Nursery plank
#HSPN-15024	1-1/2" x 30" x 24' Nursery plank
#HSPC-07821	7/8" x 20" x 21' Creep plank



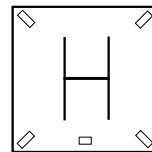
## PVC Posts

- Posts are sized for 1.5" x 30" and 2" x 38" PVC plank
- Slots in the base plates are 3/8" x .750"
- Channels are pre-punched with 5/16" holes

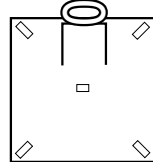
#GAP-3238	Post, 1-1/2" x 31" - U-Channel single
#GAP-3234	Post, 2" x 39" - U-Channel single
#GAP-3246	Post, 1-1/2" x 31" - Back to Back U-Channel
#GAP-3232	Post, 2" x 39" - Back to Back U-Channel
#GAP-3240	Post, 1-1/2" x 31" - Single Loop
#GAP-3236	Post, 2" x 39" - Single Loop
#GAP-3239	Post, 1-1/2" x 31" - Double Loop
#GAP-3235	Post, 2" x 39" - Double Loop
#GAP-3309	Wall Bracket - 1-1/2" Single Loop
#GAP-3308	Wall Bracket - 2" Single Loop



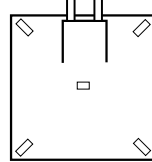
**SINGLE POST**  
1-1/2": AP-3238  
2": AP-3234



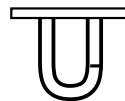
**POST BACK TO BACK**  
1-1/2": AP-3246  
2": AP-3232



**DOUBLE LOOP POST**  
1-1/2": AP-3239  
2": AP-3235



**SINGLE LOOP POST**  
1-1/2": AP-3240  
2": AP-3236



**POST WALL BRKT**  
1-1/2": AP-3309  
2": AP-3308



### End Cap

- Install with PVC glue to seal ends

#GCP78EC-1P	7/8" x 10'
-------------	------------



### Drop Rod End

#GNP15DRE-1P	1-1/2" x 20'
--------------	--------------

#GFP2DRE-1P	2" x 20'
-------------	----------



### Drop Rod

#GFP34DR-1P	3/4" x 20'
-------------	------------



### U-Channel

#GCP78UC-1P	7/8" x 20'
-------------	------------

#GCP118UC-1P	1-1/8" x 20'
--------------	--------------

#GNP15UC-1P	1-1/2" x 20'
-------------	--------------

#HSPU-20020	2" x 20'
-------------	----------



### Tongue & Groove Plank (Locking)

#HSPTG-20020	2" x 8" x 20'
--------------	---------------

#HSPTG-20024	2" x 8" x 24'
--------------	---------------

### Stainless Steel Hardware

- Available for nursery & finish

#60579	1/4" Flat washer
--------	------------------

#606811	1/4" x 1-1/4" Machine screw
---------	-----------------------------

#60603	1/4" Lock nut
--------	---------------



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# Hog Penning Equipment

Hog offers a complete line of economical hog penning equipment in your choice of powder epoxy paint or hot-dipped galvanized.

**Features Include:**

- Top angle: 1/8" x 1-1/2"
- Horizontal rods: Solid 1/2" with 3/4" bottom rail
- Uprights: 1/4"x 2"
- AVAILABLE OPTIONS:
  - 3/8" end uprights.
  - 3/16" top angle
  - 1/4" top angle
  - 1-1/2" uprights

**Standard Sizes include**

31.5" - 7 rod .....	Nursery, wean/finish and finishing
36" - 8 rod .....	Special wean/finish
40" - 6 rod .....	Standard Gestation/Breeding
40" - 9 rod .....	Special Gestation for wean/gilt grow-out



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## DIY Cut & Weld Panels



**See It In Action!**  
Scan for YouTube  
Cut & Weld  
Hog Panels video

#4470108160 .....	Panel: 31-1/2", 6-9
#4470144160 .....	Panel: 31-1/2", 9-12



1. Knock loose tack welded upright and slide along rod to correct length.



2. Cut off excess rod and weld to upright.



3. Attach clips and/or pipe fitting to each end. Spray welds with matching paint to complete the panels.

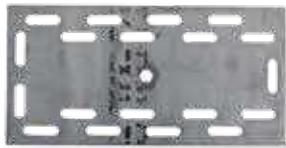


## Post Tubing & Panel Uprights

- #2002010000 ..... 2" x 2" x 30" Post Tube  
 #2002000000 ..... 2" x 2" x 40" Post Tube  
 #2011700000 ..... 30" Upright w/ 7 holes  
 #2011610000 ..... 40" Upright w/ extra holes  
 #2031010000 ..... 31.5" Upright w/ 7 holes

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

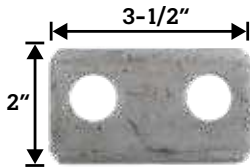


## 8" x 16" Base Plate

- #2001450000 ..... 1/4" thick  
 #8961280000 ..... 1/2" thick

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

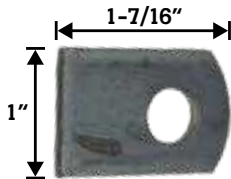


## Double Hole Aisle Clip

- #5301140000 ..... Double Hole

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## Flat Bar Clip

- #1274060000 ..... Flat Bar Clip

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Divider Clip Pipes

- A) #9101000511 ..... 1" x 3" Pipe (below divide clip)  
 B) #9101000502 ..... 1" x 19-1/2" Pipe  
 C) #2030630000 ..... Gate Clip w/ Pipe Between Clips

### ⚠ WARNING:

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## Rodded Door Clip

- Use for farrowing crates up to 1" OD pipe.

- #5101100000 ..... Rodded door clip

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

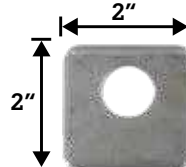


## Post Gusset

- #5001800000 ..... Post Gusset

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## Single Hole Aisle Clip

- #2011000000 ..... Single Hole

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Flipper Latch

- #2050980200 ..... Flipper Latch, Heavy Duty 3-3/8" Galv  
 #8951860101 ..... Flipper Latch  
 #60682 ..... 3/8" lock nut  
 #60515 ..... 3/8" x 1" bolt

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## Hog Slat Blue Spray Paint (New Blue)

- #59722 ..... New Blue spray paint

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## Crate Door Clip

- Use for farrowing crates up to 1.315" or 1.66" OD tube.

- #1275250000 ..... Crate door clip

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## Plastic Post Cap

- #8221200000 ..... Plastic Post Cap



## Angle Divider Clips

- #8954300000 ..... Angle Divider clips

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## Latch Clips

- #2011060000 ..... 3" Top latch clip  
 #2011070000 ..... 3-1/2" Bottom latch clip

### ⚠ WARNING:

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## Galva Zinc Spray-On Galvanizing

Galva Zinc is cold galvanizing spray that protects galvanized metal after welding, cutting or drilling. This 90% pure zinc, epoxy-based formula dries to the touch in as little as ten minutes and can be recoated in one hour.

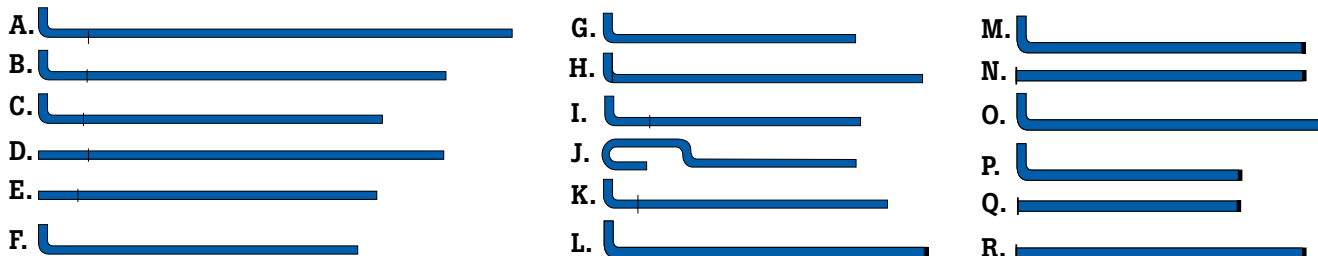
- #9970000006 ..... 20 oz

### ⚠ WARNING:

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## Gate Rods

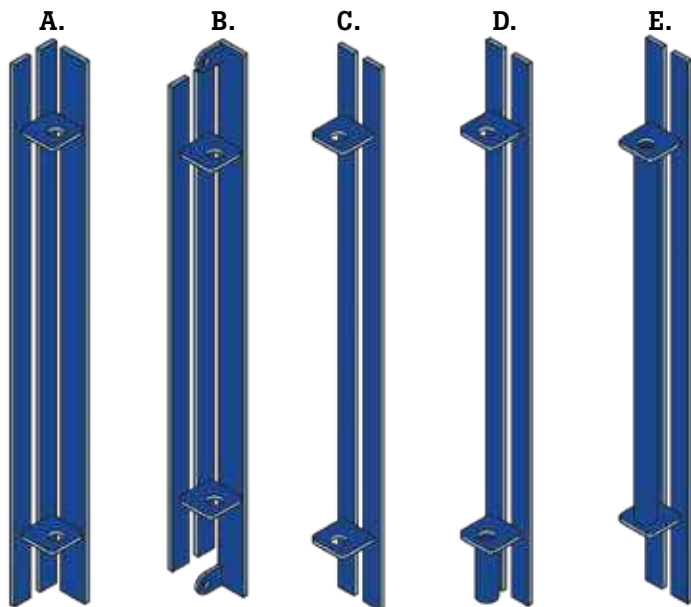


A) #2000100100	1/2" gate rod w/ bend 36" below washer (Used on front gates w/ 30", 31-1/2", 36" & 40" equipment)
#2000100200	1/2" gate rod w/bend 36" below washer, galvanized
B) #2000340100	1/2" gate rod w/ bend 28" below washer (Used on front gates w/ 30", 31-1/2", 36" & 40" equipment)
#2000340200	1/2" gate rod w/bend 28" below washer, galvanized
C) #2000060100	1/2" gate rod w/ bend 23-1/2" below washer (Used on front gates w/ 30", 31-1/2", 36" & 40" equipment)
#2000060200	1/2" gate rod w/bend 23-1/2" below washer, galvanized
D) #2000300100	1/2" gate rod, 4" straight handle 23-1/2" below washer (Used for gates, any location, wall brackets & feeders w/ 30", 31-1/2", 36" & 40" equipment)
#2000300200	1/2" gate rod, 4" straight handle 23-1/2" below washer, galvanized
E) #2020100100	1/2" gate rod, 3" straight handle 23-1/2" below washer (Used for gates, any location, wall brackets & feeders w/ 30", 31-1/2", 36" & 40" equipment)
#2020100200	1/2" gate rod, 3" straight handle 23-1/2" below washer, galvanized
F) #5000100100	Standard 1/2" gestation gate rod (long door) 24-5/8" below bend
#1000100200	1/2" farrowing crate gate rod 19-1/4" below bend, galvanized
G) #1000100100	1/2" farrowing crate gate rod 19-1/4" below bend (Also used for short rear gestation door)
H) #5000170100	1/2" gestation gate rod 24-5/8" below bend, washer welded flush beneath bend (Used on long front door when washer is desired to prevent rod from falling through slats (long rear door w/ez clips)
#5000100200	1/2" rod for stall door
I) #1000090100	1/2" gate rod w/ bend 16-1/2" below washer (Used mainly on short rear gestation doors w/ez clips)
#1000090200	1/2" gate rod w/bend 16-1/2" below washer, galvanized
J) #5000260100	3/8" candy cane style rod 19-1/2" overall length (Used mainly as a replacement for solid rod gestation rear door)
#5000260200	3/8" candy cane style rod 19-1/2" overall length, galvanized
K) #5000120100	3/8" gate rod w/ bend 19-3/8" below washer (Used mainly as a replacement for solid rod gestation rear door)
L) #1010350100	5/8" Sampson rump rail rod
#1010350200	5/8" Sampson rump rail rod, galvanized
M) #1100050100	5/8" Sampson feeder retainer rod
#1100050200	5/8" Sampson feeder retainer rod, galvanized
N) #1101160100	3/4" Sampson feeder pivot rod
#1101160200	3/4" Sampson feeder pivot rod, galvanized
O) #1230310100	5/8" European rump rail rod
#1230310200	5/8" European rump rail rod, galvanized
P) #1230050100	5/8" European feeder retainer rod
#1230050200	5/8" European feeder retainer rod, galvanized
Q) #1231160100	3/4" European feeder pivot rod
#1231160200	3/4" European feeder pivot rod, galvanized
R) #1100370100	5/8" adjustable crate rump rail rod
#1100370200	5/8" adjustable crate rump rail rod, galvanized

### WARNING:

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## Wall Brackets



A) #2020880100	30" w/flat bar
#2020880200	30" w/flat bar, galvanized
B) #8950930100	30" w/flipper bar
#8950930200	30" w/flipper bar, galvanized
C) #2020750100	28-1/2" universal
#2020750200	28-1/2" universal, galvanized
D) #2020760100	30" universal, w/3" pipe
#2020760200	30" universal, w/3" pipe, galvanized
E) #2020950100	30" universal, w/pipe inside
#2020950200	30" universal, w/pipe inside, galvanized

### WARNING:

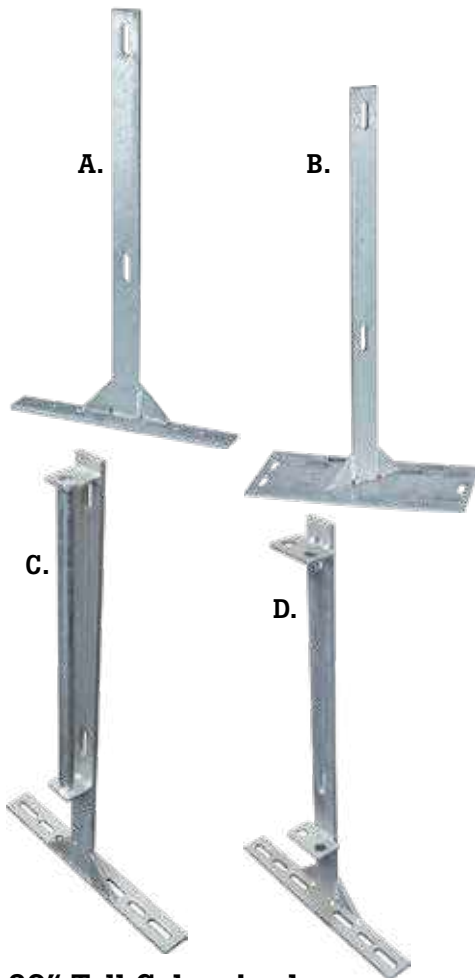
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#7000540500

### Feeder Wall Brackets

#7000540500	SS Feeder Bracket for 4" block wall
#7000490700	Galv. Feeder Bracket for 6" wall, 10" long
#7000640700	Galv. Feeder Bracket for 6" wall, 5" flange



## 29" Tall Galvanized Bolt-On Legs

- A) #2020290203 29" Flat bar, 2"x 17" foot  
 B) #2000830200 29" Flat bar, 8"x16" plate  
 C) #2020520202 29" Flat bar, w/ 2"x17" foot, gate clip w/ inside pipe one side  
 D) #2040050201 29" Flat bar post, 2"x19" foot, with divider clips

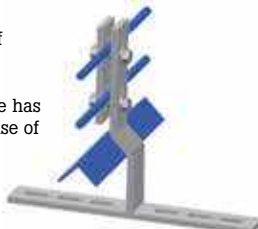


## Hog Slat Plastic Floor Anchor

The tabbed design allows installation from above the floor without extra tools. Slide the encased nut assembly through the flooring slots and the winged tabs hold it in place until the bolt is tightened. After securing equipment the wings can be cut off. Package of 4.

- #HS652-50 ..... M8-1.25 x 50mm long bolt  
 #HS652-90 ..... M8-1.25 x 90mm long bolt

- Mounts on any brand of angle bottom penning
- Hot Dipped Galvanized
- Use where bottom angle has rusted preventing the use of a standard angle leg
- 2" x 17" Foot
- Height -12"
- Wt -6.9 lbs



#5000641200 ..... Angle Bottom, Bolt-On Leg Pkg

- Hot Dipped Galvanized or Stainless Steel
- Adapts to Any Horizontal Fencing
- Complete with bolts, nut, washers and back-up plate



#5000441200 ..... Galv. w/ 17" foot & hardware pkg  
 #5000441502 ..... SS w/ 17" foot & hardware pkg  
 #5000401200 ..... Galv. w/ 10" foot & hardware pkg

- 1/4" Stainless Steel construction
- Use for mid gate leg for EIP style gating



#5000870500 ..... For middle of panel (EIP style)

- Heavy Stainless Steel Leg for Angle Penning
- Mounts to Any Brand Angle Bottom Gate



#5000841500 ..... for angle bottom penning  
 #5000850500 ..... bolt-on top bracket

- Fits inside of 2" post
- Weld in place
- Galvanized



#8250730208 ..... 8"x 13" Plate w/ 6" x 1-3/4" solid shaft

- 1/4" Stainless Steel Construction
- Mounts on the end of EIP style penning or at a feeder opening



#5000880500 ..... For end of panel (EIP style)

## Cast T-Bolt

- Comes with Stainless Steel bolt



#3090451000 ..... 1/2" x 4-1/2" - Cast Iron  
 #3090451002 ..... 1/2" x 5-1/2" - Cast Iron  
 #60583 ..... 1/2" flat SS washer  
 #60831 ..... SS Bolt 1/2" x 4-1/2"  
 #60828 ..... SS Bolt 1/2" x 5-1/2"  
 #3090700000 ..... Cast Iron tee only

## T-Bolt and Nut Package

- Includes hex nut & washer

#3090401500 ..... 3/8" x 1-1/2" - Stainless  
 #3090421500 ..... 3/8" x 5-1/2" - Stainless  
 #3090601500 ..... 1/2" x 5" - Stainless  
 #3090441500 ..... 1/2" x 5-1/2" - Stainless  
 #3090521500 ..... 1/2" x 6-1/2" - Stainless



## STOP DROPPING T-BOLTS INTO THE PIT!!!

## T-Bolt Wrench

- Holds T-bolts in place while you tighten the nut.
- Allows you to replace T-bolts from the top of the slats.
- Makes installing T-Bolts simple!



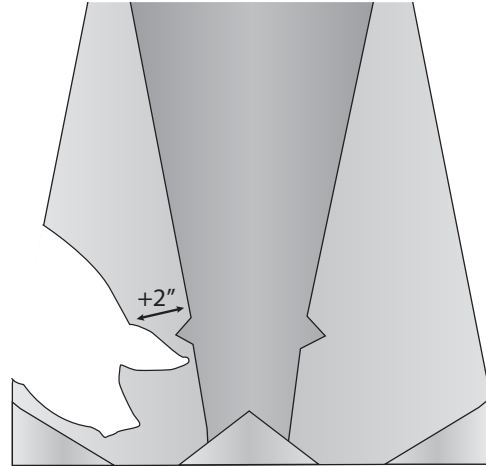
#3090900100 ..... Cast T-nut wrench  
 #3090910100 ..... T-bolt wrench





Hog Slat feeders are the benchmark for efficient feed conversion. Choose from multiple options in width, length, and feed adjustments to fit your feed management style.

## • Magnum Series



Choose our Magnum option, in either Finish or Wean/Finish models for an additional 2" of head room.

## • Feeder Adjustments

### Lever Loc™

- Powerful, smooth operating lever with 25 positive locking stops
- Indexed plate provides visual, repeatable confirmation of settings
- Increased leverage eases adjustments even with a full feed pan
- Precise 1/16" of adjustment per stop



### AccuCrank™

- Screw adjustment moves the feed gate 1/16 of an inch per revolution, allowing fine-tuned feed gate positioning.
- Positive lock slots prevents pigs from wiggling the slide gate out of adjustment.



## • Trough Dividers



### Wean/Finish

Our **HyVis Divider** provides separation without restricting operator's view of the trough. Rugged four-bolt attachment stays in place.



### Wean/Finish

Solid panel dividers limit pig contact and reduce aggression.



### Finisher

5/16" stainless steel rod dividers.



### Nursery

Full depth dividers prevent pigs from lying in the trough.



### Hog Slat® Easy Clean Feeder Handle

The Easy Clean Feeder Handle eases the hassle of cleaning feeders. The top leverage handle adjusts to fit any feeder length. One person can easily tip any size feeder without removing it from the fence line. The Easy Clean Feeder Handle also reduces feeder damage caused during clean-out.

- #7000721200.....Galvanized For finish feeder
- #7000721100.....Painted For finish feeder
- #7000811100.....Painted For nursery feeder

#### ⚠ WARNING:

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## WEAN TO FINISH - Magnum Series

- Wider width provides 2" more headspace
- 18 gauge construction

- 304 stainless steel
- 36" high

- Width:  
Single side – 17-1/2" Double side – 29"

- Trough Depth  
11" for the Magnum

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

Length	# Holes	Adjustment	Trough Divider	Capacity	Shipping WT	Double Sided Item #	Single Sided Item #
40	3	ACCUCrank	HyVis	364	120	FDRZ4036D3CRCB	FDRZ4036S3CRCB
42	3	ACCUCrank	HyVis	382	122	FDRZ4236D3CRCB	FDRZ4236S3CRCB
45	3	ACCUCrank	HyVis	410	131	FDRZ4536D3CRCB	FDRZ4536S3CRCB
50	3	ACCUCrank	HyVis	455	145	FDRZ5036D3CRCB	FDRZ5036S3CRCB
56	4	ACCUCrank	HyVis	510	157	FDRZ5636D4CRCB	FDRZ5636S4CRCB
60	4	ACCUCrank	HyVis	546	164	FDRZ6036D4CRCB	FDRZ6036S4CRCB
70	5	ACCUCrank	HyVis	637	188	FDRZ7036D5CRCB	FDRZ7036S5CRCB
75	5	ACCUCrank	HyVis	683	204	FDRZ7536D5CRCB	FDRZ7536S5CRCB
40	3	ACCUCrank	Solid	364	123	FDRZ4036D3CSCB	FDRZ4036S3CSCB
42	3	ACCUCrank	Solid	382	124	FDRZ4236D3CSCB	FDRZ4236S3CSCB
45	3	ACCUCrank	Solid	410	133	FDRZ4536D3CSCB	FDRZ4536S3CSCB
50	3	ACCUCrank	Solid	455	148	FDRZ5036D3CSCB	FDRZ5036S3CSCB
56	4	ACCUCrank	Solid	510	159	FDRZ5636D4CSCB	FDRZ5636S4CSCB
60	4	ACCUCrank	Solid	546	166	FDRZ6036D4CSCB	FDRZ6036S4CSCB
70	5	ACCUCrank	Solid	637	190	FDRZ7036D5CSCB	FDRZ7036S5CSCB
75	5	ACCUCrank	Solid	683	206	FDRZ7536D5CSCB	FDRZ7536S5CSCB
40	3	Lever Lock	HyVis	364	120	FDRZ4036D3LRCB	FDRZ4036S3LRCB
42	3	Lever Lock	HyVis	382	122	FDRZ4236D3LRCB	FDRZ4236S3LRCB
45	3	Lever Lock	HyVis	410	131	FDRZ4536D3LRCB	FDRZ4536S3LRCB
50	3	Lever Lock	HyVis	455	145	FDRZ5036D3LRCB	FDRZ5036S3LRCB
56	4	Lever Lock	HyVis	510	157	FDRZ5636D4LRCB	FDRZ5636S4LRCB
60	4	Lever Lock	HyVis	546	164	FDRZ6036D4LRCB	FDRZ6036S4LRCB
70	5	Lever Lock	HyVis	637	188	FDRZ7036D5LRCB	FDRZ7036S5LRCB
75	5	Lever Lock	HyVis	683	204	FDRZ7536D5LRCB	FDRZ7536S5LRCB
40	3	Lever Lock	Solid	364	123	FDRZ4036D3LSCB	FDRZ4036S3LSCB
42	3	Lever Lock	Solid	382	124	FDRZ4236D3LSCB	FDRZ4236S3LSCB
45	3	Lever Lock	Solid	410	133	FDRZ4536D3LSCB	FDRZ4536S3LSCB
50	3	Lever Lock	Solid	455	148	FDRZ5036D3LSCB	FDRZ5036S3LSCB
56	4	Lever Lock	Solid	510	159	FDRZ5636D4LSCB	FDRZ5636S4LSCB
60	4	Lever Lock	Solid	546	166	FDRZ6036D4LSCB	FDRZ6036S4LSCB
70	5	Lever Lock	Solid	637	190	FDRZ7036D5LSCB	FDRZ7036S5LSCB
75	5	Lever Lock	Solid	683	206	FDRZ7536D5LSCB	FDRZ7536S5LSCB



## WEAN TO FINISH - Original Series

- 36" high
- 18 gauge construction

- 304 stainless steel

- Width:  
Single side – 15-1/4" Double side – 24-1/4"

- Trough Depth  
9-1/2" for the Original

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

Length	# Holes	Adjustment	Trough Divider	Capacity	Shipping WT	Double Sided Item #	Single Sided Item #
40	3	ACCUCrank	HyVis	418	120	FDRZ4036D3CRBB	FDRZ4036S3CRBB
42	3	ACCUCrank	HyVis	439	122	FDRZ4236D3CRBB	FDRZ4236S3CRBB
45	3	ACCUCrank	HyVis	471	131	FDRZ4536D3CRBB	FDRZ4536S3CRBB
50	3	ACCUCrank	HyVis	523	145	FDRZ5036D3CRBB	FDRZ5036S3CRBB
56	4	ACCUCrank	HyVis	586	157	FDRZ5636D4CRBB	FDRZ5636S4CRBB
60	4	ACCUCrank	HyVis	628	164	FDRZ6036D4CRBB	FDRZ6036S4CRBB
70	5	ACCUCrank	HyVis	732	188	FDRZ7036D5CRBB	FDRZ7036S5CRBB
75	5	ACCUCrank	HyVis	785	204	FDRZ7536D5CRBB	FDRZ7536S5CRBB
40	3	ACCUCrank	Solid	418	123	FDRZ4036D3CSBB	FDRZ4036S3CSBB
42	3	ACCUCrank	Solid	439	124	FDRZ4236D3CSBB	FDRZ4236S3CSBB
45	3	ACCUCrank	Solid	471	133	FDRZ4536D3CSBB	FDRZ4536S3CSBB
50	3	ACCUCrank	Solid	523	148	FDRZ5036D3CSBB	FDRZ5036S3CSBB
56	4	ACCUCrank	Solid	586	159	FDRZ5636D4CSBB	FDRZ5636S4CSBB
60	4	ACCUCrank	Solid	628	166	FDRZ6036D4CSBB	FDRZ6036S4CSBB
70	5	ACCUCrank	Solid	732	190	FDRZ7036D5CSBB	FDRZ7036S5CSBB
75	5	ACCUCrank	Solid	785	206	FDRZ7536D5CSBB	FDRZ7536S5CSBB
40	3	Lever Lock	HyVis	418	120	FDRZ4036D3LRBB	FDRZ4036S3LRBB
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45	3	Lever Lock	HyVis	471	131	FDRZ4536D3LRBB	FDRZ4536S3LRBB
50	3	Lever Lock	HyVis	523	145	FDRZ5036D3LRBB	FDRZ5036S3LRBB
56	4	Lever Lock	HyVis	586	157	FDRZ5636D4LRBB	FDRZ5636S4LRBB
60	4	Lever Lock	HyVis	628	164	FDRZ6036D4LRBB	FDRZ6036S4LRBB
70	5	Lever Lock	HyVis	732	188	FDRZ7036D5LRBB	FDRZ7036S5LRBB
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40	3	Lever Lock	Solid	418	123	FDRZ4036D3LSBB	FDRZ4036S3LSBB
42	3	Lever Lock	Solid	439	124	FDRZ4236D3LSBB	FDRZ4236S3LSBB
45	3	Lever Lock	Solid	471	133	FDRZ4536D3LSBB	FDRZ4536S3LSBB
50	3	Lever Lock	Solid	523	148	FDRZ5036D3LSBB	FDRZ5036S3LSBB
56	4	Lever Lock	Solid	586	159	FDRZ5636D4LSBB	FDRZ5636S4LSBB
60	4	Lever Lock	Solid	628	166	FDRZ6036D4LSBB	FDRZ6036S4LSBB
70	5	Lever Lock	Solid	732	190	FDRZ7036D5LSBB	FDRZ7036S5LSBB
75	5	Lever Lock	Solid	785	206	FDRZ7536D5LSBB	FDRZ7536S5LSBB



## Finishing - Magnum and Original Series

- 36" high
- 18 gauge construction
- 304 stainless steel

- Magnum width:  
Single side - 17-1/2"  
Double side - 29"

- Original width:  
Single side - 15-1/4"  
Double side - 24-1/4"

- Trough Depth  
11" for the Magnum  
9-1/2" for the Original

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

### Finish - Magnum Series

Length	# Holes	Adjustment	Trough Divider	Capacity	Shipping WT	Double Sided Item #	Single Sided Item #
40	3	ACCUCrank	Rod	364	110	FDRF4036D3CRCB	FDRF4036S3CRCB
42	3	ACCUCrank	Rod	382	112	FDRF4236D3CRCB	FDRF4236S3CRCB
45	3	ACCUCrank	Rod	410	120	FDRF4536D3CRCB	FDRF4536S3CRCB
50	3	ACCUCrank	Rod	455	133	FDRF5036D3CRCB	FDRF5036S3CRCB
56	4	ACCUCrank	Rod	510	144	FDRF5636D4CRCB	FDRF5636S4CRCB
60	4	ACCUCrank	Rod	546	157	FDRF6036D4CRCB	FDRF6036S4CRCB
70	5	ACCUCrank	Rod	637	177	FDRF7036D5CRCB	FDRF7036S5CRCB
75	5	ACCUCrank	Rod	683	190	FDRF7536D5CRCB	FDRF7536S5CRCB
40	3	Lever Lock	Rod	364	110	FDRF4036D3LRCB	FDRF4036S3LRCB
42	3	Lever Lock	Rod	382	111	FDRF4236D3LRCB	FDRF4236S3LRCB
45	3	Lever Lock	Rod	409	120	FDRF4536D3LRCB	FDRF4536S3LRCB
50	3	Lever Lock	Rod	455	133	FDRF5036D3LRCB	FDRF5036S3LRCB
56	4	Lever Lock	Rod	509	143	FDRF5636D4LRCB	FDRF5636S4LRCB
60	4	Lever Lock	Rod	546	156	FDRF6036D4LRCB	FDRF6036S4LRCB
70	5	Lever Lock	Rod	637	176	FDRF7036D5LRCB	FDRF7036S5LRCB
75	5	Lever Lock	Rod	682	189	FDRF7536D5LRCB	FDRF7536S5LRCB

### Finish - Original Series

Length	# Holes	Adjustment	Trough Divider	Capacity	Shipping WT	Double Sided Item #	Single Sided Item #
40	3	ACCUCrank	Rod	418	110	FDRF4036D3CRBB	FDRF4036S3CRBB
42	3	ACCUCrank	Rod	439	112	FDRF4236D3CRBB	FDRF4236S3CRBB
45	3	ACCUCrank	Rod	471	120	FDRF4536D3CRBB	FDRF4536S3CRBB
50	3	ACCUCrank	Rod	523	133	FDRF5036D3CRBB	FDRF5036S3CRBB
56	4	ACCUCrank	Rod	586	144	FDRF5636D4CRBB	FDRF5636S4CRBB
60	4	ACCUCrank	Rod	628	157	FDRF6036D4CRBB	FDRF6036S4CRBB
70	5	ACCUCrank	Rod	732	177	FDRF7036D5CRBB	FDRF7036S5CRBB
75	5	ACCUCrank	Rod	785	190	FDRF7536D5CRBB	FDRF7536S5CRBB
40	3	Lever Lock	Rod	418	110	FDRF4036D3LRBB	FDRF4036S3LRBB
42	3	Lever Lock	Rod	439	112	FDRF4236D3LRBB	FDRF4236S3LRBB
45	3	Lever Lock	Rod	471	120	FDRF4536D3LRBB	FDRF4536S3LRBB
50	3	Lever Lock	Rod	523	133	FDRF5036D3LRBB	FDRF5036S3LRBB
56	4	Lever Lock	Rod	586	144	FDRF5636D4LRBB	FDRF5636S4LRBB
60	4	Lever Lock	Rod	628	157	FDRF6036D4LRBB	FDRF6036S4LRBB
70	5	Lever Lock	Rod	732	177	FDRF7036D5LRBB	FDRF7036S5LRBB
75	5	Lever Lock	Rod	785	190	FDRF7536D5LRBB	FDRF7536S5LRBB



## Nursery

- 31" high
- 20 gauge construction
- 304 stainless steel

- Magnum  
Single Width - 13-1/2"  
Double Width - 22-3/4"  
Trough Depth - 8-3/4"

- Original  
Single Width - 10-1/2"  
Double Width - 17-1/4"  
Trough Depth - 6"

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

### Nursery - Magnum Series

Length	# Holes	Adjustment	Trough Divider	Capacity	Shipping WT	Double Sided Item #	Single Sided Item #
32	4	ACCUCrank	Rod	234	64	FDRN3231D4CRCD	FDRN3231S4CRCD
40	5	ACCUCrank	Rod	292	76	FDRN4031D5CRCD	FDRN4031S5CRCD
48	6	ACCUCrank	Rod	351	88	FDRN4831D6CRCD	FDRN4831S6CRCD
56	7	ACCUCrank	Rod	409	100	FDRN5631D7CRCD	FDRN5631S7CRCD
32	4	Lever Lock	Rod	234	64	FDRN3231D4LRCD	FDRN3231S4LRCD
40	5	Lever Lock	Rod	292	76	FDRN4031D5LRCD	FDRN4031S5LRCD
48	6	Lever Lock	Rod	351	88	FDRN4831D6LRCD	FDRN4831S6LRCD
56	7	Lever Lock	Rod	409	100	FDRN5631D7LRCD	FDRN5631S7LRCD

### Nursery - Original Series

Length	# Holes	Adjustment	Trough Divider	Capacity	Shipping WT	Double Sided Item #	Single Sided Item #
30	5	ACCUCrank	Rod	219	60	FDRN3031D5CRBD	FDRN3031S5CRBD
36	6	ACCUCrank	Rod	263	64	FDRN3631D6CRBD	FDRN3631S6CRBD
42	7	ACCUCrank	Rod	307	70	FDRN4231D7CRBD	FDRN4231S7CRBD
48	8	ACCUCrank	Rod	351	76	FDRN4831D8CRBD	FDRN4831S8CRBD
60	10	ACCUCrank	Rod	439	98	FDRN6031D10CRBD	FDRN6031S10CRBD
30	5	Lever Lock	Rod	219	60	FDRN3031D5LRBD	FDRN3031S5LRBD
36	6	Lever Lock	Rod	263	64	FDRN3631D6LRBD	FDRN3631S6LRBD
42	7	Lever Lock	Rod	307	70	FDRN4231D7LRBD	FDRN4231S7LRBD
48	8	Lever Lock	Rod	351	76	FDRN4831D8LRBD	FDRN4831S8LRBD
60	10	Lever Lock	Rod	439	98	FDRN6031D10LRBD	FDRN6031S10LRBD





## Wet/Dry Feeder

You can now choose a Wet/Dry feeder option with the confidence from the industry leader, Hog Slat. Based on a time tested-design, our Wet/ Dry series of feeders are welded of 16 ga. 304 Stainless Steel. The adjustment mechanism is constructed of 14 ga. with 12 ga. blocking panels. Precise management of the feed shelf is provided by a special version of our proven Select-A-Flow adjustment. The innovative Cam Action provides close incremental adjustments to fine tune feed delivery on the shelf.

- Choice of heights 31", 36" & 41"
- 16 ga. construction
- 12 ga. blocking panels

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



Two-piece water bar aids maintenance. Vertical pipe is easily removed from horizontal bar.



Unbolt side plate and slide the entire interior water bar assembly out the cutout.

Length	# Holes	# Nipples	Height	Capacity	Item # Lever Adjustment	Item # AccuCrank
15	1	1	31"	84	FDRW1531D1LSWA	FDRW1531D1CSWA
30	2	2	31"	168	FDRW3031D2LSWA	FDRW3031D2CSWA
45	3	3	31"	252	FDRW4531D3LSWA	FDRW4531D3CSWA
48	3	3	31"	269	FDRW4831D3LSWA	FDRW4831D3CSWA
60	4	4	31"	336	FDRW6031D4LSWA	FDRW6031D4CSWA
72	5	5	31"	403	FDRW7231D5LSWA	FDRW7231D5CSWA
84	6	6	31"	470	FDRW8431D6LSWA	FDRW8431D6CSWA
15	1	1	36"	120	FDRW1536D1LSWA	FDRW1536D1CSWA
30	2	2	36"	240	FDRW3036D2LSWA	FDRW3036D2CSWA
45	3	3	36"	360	FDRW4536D3LSWA	FDRW4536D3CSWA
48	3	3	36"	384	FDRW4836D3LSWA	FDRW4836D3CSWA
60	4	4	36"	480	FDRW6036D4LSWA	FDRW6036D4CSWA
72	5	5	36"	576	FDRW7236D5LSWA	FDRW7236D5CSWA
84	6	6	36"	672	FDRW8436D6LSWA	FDRW8436D6CSWA
15	1	1	41"	153	FDRW1541D1LSWA	FDRW1541D1CSWA
30	2	2	41"	306	FDRW3041D2LSWA	FDRW3041D2CSWA
45	3	3	41"	459	FDRW4541D3LSWA	FDRW4541D3CSWA
48	3	3	41"	490	FDRW4841D3LSWA	FDRW4841D3CSWA
60	4	4	41"	612	FDRW6041D4LSWA	FDRW6041D4CSWA
72	5	5	41"	734	FDRW7241D5LSWA	FDRW7241D5CSWA
84	6	6	41"	857	FDRW8441D6LSWA	FDRW8441D6CSWA



## Round Feeder

- One-piece fiberglass hopper vs. two-piece hopper
- Reinforced spindle axle is mounted through the bottom of the pan to prevent breakage
- Heavier weight metal fixtures with powder coated paint finish
- 4.5 bushel capacity (213 lbs. of feed)
- Multiple lengths of panel dividers are available as optional equipment (shown with dividers, not included)

#7920000000 ..... Round Feeder / 8 openings  
**GATING**  
 #7920200100 ..... Panel Blocker  
 #7920220100 ..... 40" Panel Adapter  
 #7920210100 ..... 50" Panel Adapter  
 #7920170100 ..... 56" Fence Line Panel

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



Top angle band prevents damage when feeder is turned over for cleaning.



Select-A-Flow adjustment allows for precise regulation of feed flow.



Internal bump bars prevent feed from bridging.

# HOG SLAT® Boar Feeder

## Single Hole

- Allows you to maximize the accuracy and tailor your nutritional program.
- Bracket allows for adjustment from floor level to 16" off the floor.
- Feeder is constructed of heavy duty 18 gauge Stainless Steel for years of reliable use.
- Large capacity holds 158 pounds of feed.
- 14-3/4" wide x 46" tall.
- 400 series stainless steel.



### Adjustment Bracket

#7800901100

Includes:

- Cage
- 17-1/2" Adjustable Rod
- Hairpin Clip
- (4) Wall Brackets

#7809715511 ..... Boar Feeders  
#7800901100 ..... Adjustment Bracket (sold separately)

### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



# Single Sided Feeders

Single sided feeders designed to feed show pigs and smaller groups of pigs. Constructed of heavy 20 gauge galvanized steel with an adjustable feed gate at the trough. Top cover raises from the back to allow filling without disturbing the hogs. Weathertight trough lids are removable by sliding out a pin. Ships knocked down... assembly required.

## Single Door Hog Feeder

- Designed to feed up to FOUR hogs to market weight.
- Holds approximately 1-1/2 bushels of feed.
- 12" Wide x 20" Deep x 29-1/2" Tall



## Double Door Hog Feeder

- Designed to feed up to EIGHT hogs to market weight.
- Holds approximately 3.7 bushels of feed.
- 23" Wide x 20" Deep x 36" Tall



#FS400 ..... Single Door #FS401 ..... Double Door

### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



# HOG SLAT® Feeder Clean-out Rod

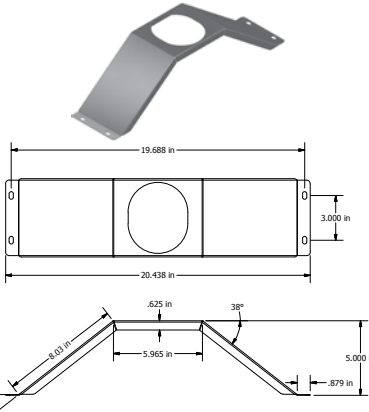
34" aluminum clean-out rod makes easy work of removing leftover feed from hoppers and clearing trough openings. Features 7" foam cushioned handle and 2" bent hook on the bottom end.



#2090561900 ..... Feeder Clean-out rod

### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## Feed Pipe Holder

#7408311500 ..... 5" tall

### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## Poly Feed Pan

Build your own feed pan with our durable 8" high polypropylene trough, available in 16", 18", and 20" lengths. Drill mounting holes and attach to gates or dividers. Order snap clips (#10385, not included) to build a portable clip-on feeder to use at home or at shows.

- Durable material
- Portable
- Clips can be added for custom mounting needs
- Great for temporary feeding during travel or at livestock shows

#BUCP0820B-BK ..... 20-inch  
#BUCP0818B-BK ..... 18-inch  
#BUCP0816B-BK ..... 16-inch  
#10385 ..... 5/16" Spring Snap, zinc

# Feeder Parts

## Feeder Handle Clip



#8130690500 ..... feeder handle clip

### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Old Style Crank Handles

- Stainless steel inside & outside
- 3/8" thread



#7306850500 ..... old style crank handles

### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Feeder Cross Brace

- 2 crank fin SS
- 16-1/2" u-handle



#7407600500 ..... feeder cross brace

### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Adjustment Handle

- Finish
- 3/8" thread



#HSAP-2075 ..... 3/8" adjustment handle

### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Adjustment Handle

- 5/16" thread



#HSAP-2074 ..... 5/16" adjustment handle

### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Adjustment Rod

- for AP feeders

#HSAP-1220 ..... 3/8" adjustment rod

#HSAP-0553 ..... 5/16" adjustment rod

### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Adjustment Rod

- Finishing
- 6" tail nib z-bend



#7406480500 ..... adjustment rod z-bend right

#7406470500 ..... adjustment rod z-bend left

### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Nursery Divider Rod

- 5/16" rod only, no nuts or washers



#7366960500 ..... Replacement for nursery feeders

### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Finishing Feeder Divider Rod

- 5/16" rod only, no nuts or washers

#7406900500 ..... 11-1/4" long for 40" & 50"

#7606910500 ..... 10" long for 60" & 70"

### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



### Maxi Pan

Maxi Pan is ideal feeder for newly weaned pigs.

- Stainless steel, 10 hole grid
- 20 - 30 animals per feeders
- 16-3/4" diameter x 3" trough
- Overall height 25"

#18004000.....w/ T-bolt



### Maxi Pan Hopper Package

Add a hopper to Increase feed capacity of Maxi Pan.

- Adjustable collar to regulate feed
- 18" high x 15" diameter cone
- 30 pound capacity

#18000010.....Hopper pkg.



### MaxiFlow 3000 Milk Replacement Feeder

Uniquely designed feeder reduces waste when feeding high priced milk replacement diets.

#### Features Include:

- Separate double feeding compartments reduces contamination
- SS floor hook snaps in place on most farrowing floors
- 1 gal plastic bottle
- Triangular profile allows feeder to fit in creep corner away from sow

#SG-545400.....MaxiFlow 3000



### MaxiGro 3000® Innovative Crate Feeder

- Three-compartment feeder for nursing pigs.
- Hooks into many types of crate flooring.
- Place in the farrowing crate corner to keep it away from the sow.
- Avoid expensive feed waste.
- 3 compartment bowl means feed contamination from urine and feces will be minimized.
- The stainless steel floor hook fastener design accommodates most types of crate flooring.
- A handy arrow on top of the hook latch lets you know which way the hook is pointing.

#SG-545200.....MaxiGro 3000®



### Stainless Steel Piglet Feeder

- 304 stainless steel
- Universal J clamp
- 20 gauge construction
- Fits all standard slat floors

#1095.....Stainless Steel Piglet Feeder



#### ⚠ WARNING:

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### Stainless Steel Feeder, Plastic Divider

#10954.....SS feeder, plastic divider



#### ⚠ WARNING:

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### Hopper Creep Feeder

- Non-corrosive polyethylene
- Adjustable feed gate
- Mounted bracket included
- 12" W x 6" D x 15" H

#KCF-SQ.....Hopper Creep Feeder



### Plastic Piglet Feeder

- EZ pan
- Clip on bowl for piglets

#10950.....Plastic piglet feeder



## Feeder Adjustment Repair Kits

### Select-A-Flow

Includes

- (1) 1/4" Locknut
- (1) 1/4"x 5/16"x 3/4" L shoulder bolt
- (1) Spring
- (1) Bent lever
- (1) Label
- (1) Adjustment plate

#7408911500.....Select-A-Flow



### Lever Loc

Includes

- (2) 1/4"x 5/16"x 3/4" L shoulder bolt
- (2) Spring
- (2) 3/4" washer
- (3) 1/4" Locknut
- (1) Adjustment plate
- (1) Adjustment
- (1) Adjustment -offset
- (1) 5/16" x 3/8 shoulder bolt

#7408401500.....Lever Loc





**NEW!**



## Poultry Water Line Pressure Regulator

- Provides high water volume at the low pressures needed.
- Large diameter flush valve for better flushing of biofilm and sediment.
- Mesh reinforced rubber diaphragm for better resistance to stretching.
- Longer adjustment knob for ease of adjustment while low to the ground.
- Standpipe sold separately

### Available Water Line Adapters

HS822-50W 7/8" OD Round Pipe Ziggity	HS822-51 22MM Square Pipe Lubing	60179 1.05" OD Pipe Valco, Choretime, & Cumberland	DIP2205212 & 60026 1" OD Pipe Plasson
<p>↗ = Regulator end, slip fit. Do not glue.            ● = Water line end, slip fit. Do not glue.            ● = Water line end, must use PVC glue.</p>			

#HS822 ..... Water pressure regulator



## Replacement Standpipe Tubing

#TIP1101996100 ..... Plasson/ per ft / 100' roll  
 #L0013200899 ..... Lubing / per ft / 164' roll  
 #GCW-9051 ..... Cumberland / precut 24" length  
 #AP15006501 ..... Chore-Time / per ft  
 #AP189053 ..... Ziggity / 100' roll  
 #AP189053-FT ..... Ziggity / per ft  
 #HS822-29F ..... GrowerSELECT/ precut 24"  
 #HS822-FT18 ..... GrowerSELECT/ precut 18"



## Cover Bags for Sight Tubes

- 4 Mil poly bags protect sight tubes from dust and grime.

#S-1787 ..... 4" x 24"  
 #S-6343 ..... 3" x 26"



## Flexible Standpipe Assy

- for HS822 regulator
- Hi-visibility yellow float ball

#HS822-FSA24 ..... 24" High  
 #HS822-FSA18 ..... 18" High



## Manual Flush Assy

- Replaces Ziggity # 1374

#HS822-40 ..... for HS822 regulator



## Aluminum Rail Bracket Kit

- Mounting kit for attaching aluminum support rail to HS822 regulator

#HS822-PB ..... for HS822 regulator



## Float Balls

#600-015 ..... Cumberland & Impex 7/16" Blue  
 #C37142 ..... Chore-Time Blue  
 #DIP2205411 ..... Plasson Small Orange  
 #L0013701900 ..... Lubing Large 10mm Red  
 #HS822-33Y ..... GrowerSELECT 3/8" Yellow  
 #L0013701903 ..... Lubing 8mm Red  
 #VRP03 ..... Val Large Blue  
 #VRP03F ..... Val Small Blue  
 #Z147 ..... Ziggity Blue



## C-Sticks

Easily observe water pressure in your stand pipe with bright C-Sticks. As the water pressure goes up and down, the C-Stick moves with it. SM & Med- 16/ bottle LG- 8/ bottle.

#C-Stick-SM-B ..... Blue  
 #C-Stick-SM-O ..... Orange  
 #C-Stick-SM-R ..... Red  
 #C-Stick-SM-Y ..... Yellow  
 #C-Stick-MD\* ..... Orange Only  
 #C-Stick-LG\* ..... Orange Only



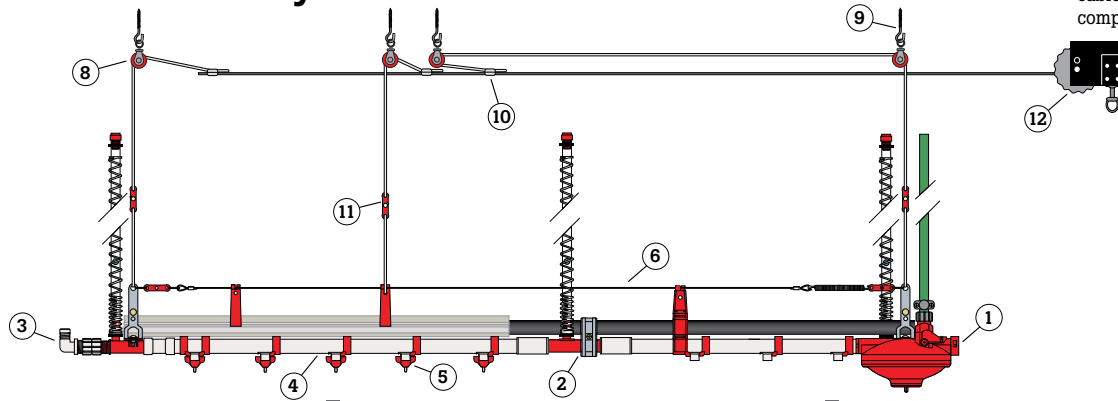
## Riser Brush

#Z748 ..... Ziggity, 28"  
 #GCW-5006 ..... Cumberland/Chore-Time, 24" Long  
 #DI2205416 ..... Plasson  
 #LBB4227 ..... Lubing  
 #C29465 ..... Chore-Time  
 #VB151 ..... Val Rigid  
 #VB151F ..... Val Flex

\*Use of manufacturer part number for reference purposes only

# Cumberland Drinker Systems

For winches, pulleys,  
cable and rod winching  
components go to page 206



## 1. Regulator

#GCW-3030.....Assembly w/Accessories



## 2. Riser Vent Assembly

#GCW-9510.....Midline Air Vent



## 3. Flush End Assembly

#GCW-9500.....Flush End Assembly



## Replacement Pipe only, 10'

#GCW-6000-8J.....8" OC, J-Lock  
#GCW-6000-8T.....8" OC, Twin-Lock  
#GCW-6000-10J.....10" OC, J-Lock  
#GCW-6000-10T.....10" OC, Twin-Lock  
#GCW-6000-12.....12" OC, J-Lock  
#GCW-5030.....10.4 ft. galv. support pipe



## 5. Cumberland Nipples

#GCW-10233.....J-Lock Purple Cap  
#GCW-10233T.....Twin-Lock Purple Cap  
#GCW-9440.....J-Lock Orange Pin Dual Stage Hi Flow



## 6. & 7. Cable

#52260.....1/16" cable  
#61726.....1/8" cable  
#HSH052 .... 1/16" adjustable cable clamp for shocker wire



### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## 8. Pulley

#HSH004.....Nylon swivel pulley 1-7/8"



### WARNING:

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## 9. Cup Hook

#60665.....1/4" cup hook



### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## 10. Aluminum Sleeve

#52284.....1/8" aluminum sleeve

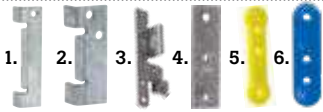


### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## 11. Cable & Cord Adjusters

1. #HSH076.....3" - no lock  
2. #617315.....2" - no lock  
3. #HSH018.....3-1/2" - w/ lock  
4. #HSH019.....flat  
5. #HSCA-1.....Plastic Cord Adjuster  
6. #HSCA-3.....Heavy Duty Cord Adjuster



### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## 12. Winch

#HSW01.....Split Reel Worm Gear 2000 lb.  
#HSW02.....Single Reel Worm Gear 2000 lb.

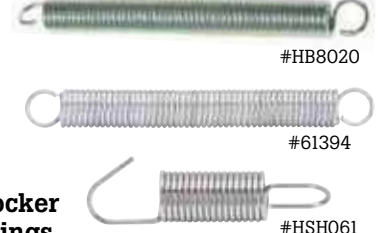


### WARNING:

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## Shocker Springs

#HB8020.....4" long x .425" dia.  
#61394.....4" long x 7/16" dia.  
#HSH061.....3-1/4" long x 1/2" dia.



## Folding Hanger

#GCW-10008.....Hanger Folding



## Hanger Clip for Aluminum Support

#GCW-9227.....Hanger Clip



### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Shut Off Assembly

#GCW-5065.....Shut Off Assembly



## Wrench for Nipple

#GCW-2064.....Wrench for Nipple



## Connector Assembly

#GCW-5020.....Connector Assembly

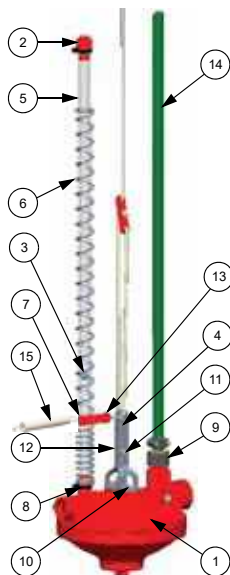


## Float Ball

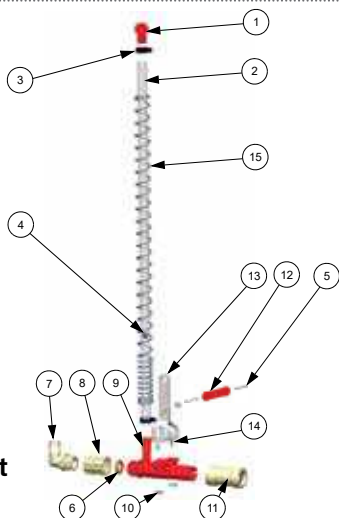
#600-015.....Float Ball



## Cumberland GCW-3030 Regulator w/ Accessories



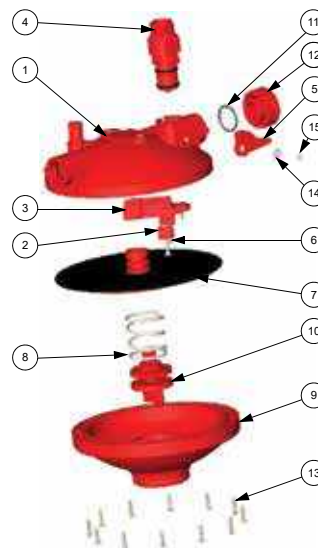
- |                    |                               |
|--------------------|-------------------------------|
| 1) #GCW-3025.....  | Regulator                     |
| 2) #GCW-10050..... | Flush Cap Assembly            |
| 3) #600-015.....   | Float Ball                    |
| 4) #GCW-3019.....  | Mount Bracket                 |
| 5) #GCW-9051.....  | Flex Sight Tube 24"           |
| 6) #GCW-9052.....  | Spring 22" for Sight Tube     |
| 7) #HSCA-1.....    | Cord Adjuster                 |
| 8) #0708878.....   | Hose Clamp Nylon              |
| 9) #GCW-10013..... | Female Hose Repair 3/4"       |
| 10) #GS-4614.....  | Bolt HHCS 1/4"-20 x 1/2" SS   |
| 11) #GS-7359.....  | Bolt HHCS 1/4"-20 x 1" SS     |
| 12) #GS-7307.....  | Nut Nylock 1/4"-20 SS         |
| 13) #GS-9244.....  | S-Hook #1                     |
| 14) #GCW-2032..... | Garden Hose (Sold Separately) |
| 15) #GCW-5031..... | Spring 3" OALx.418 OD         |



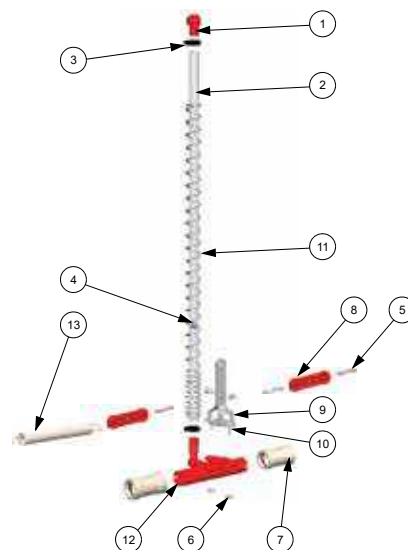
## Cumberland GCW-9500 End Kit w/Accessories

- |                    |   |
|--------------------|---|
| 1) #GCW-10050..... | Flush Cap Assembly                        |
| 2) #GCW-9051.....  | Flex Sight Tube 24"                       |
| 3) #0708878.....   | 3/4"-7/8" Hose Clamp Nylon                |
| 4) #600-015.....   | Float Ball - 7/16" Plastic                |
| 5) #GS-9244.....   | S-Hook #1 0.080 x 1-1/16"                 |
| 6) #GCW-5047.....  | Garden Hose Washer                        |
| 7) #GS-9222.....   | Elbow 90° PVC 3/4" MPT x 3/4" Barb        |
| 7) #GCW-10073..... | (Optional) 90° Elbow 3/4" MPT x 3/4" Barb |
| 8) #G60-0272.....  | Swivel Adapter FGH x 3/4" FPT             |
| 9) #GCW-10054..... | End Kit Housing                           |
| 10) #GS-8910.....  | Nut Square 1/4"-20 Plated                 |
| 11) #GCW-5020..... | Coupler Assembly                          |
| 12) #HSCA-1.....   | Cord Adjuster                             |
| 13) #GCW-3019..... | Water Line Mounting Bracket               |
| 14) #GS-8789.....  | Screw MS 1/4"-20 x 3/4" RHP               |
| 15) #GCW-9052..... | Spring 22" for Sight Tube                 |

## Cumberland GCW-3025 Regulator Assembly



- |                     |                               |
|---------------------|-------------------------------|
| 1) #GCW-3023.....   | Top Assembly                  |
| 2) #GCW-3011.....   | Internal Plunger Retainer     |
| 3) #GCW-3028.....   | Internal Plunger              |
| 4) #GCW-3024.....   | Inlet Assembly                |
| 5) #GCW-3014R1..... | Flush Lever                   |
| 6) #GS-7656.....    | Screw SMSAB #12 x 3/4" PHP SS |
| 7) #GCW-3026.....   | Diaphragm Assembly            |
| 7) #GCW-3001.....   | Diaphragm (Only)              |
| 8) #GCW-3003.....   | Pressure Spring               |
| 9) #GCW-3005.....   | Bottom                        |
| 10) #GCW-3027.....  | Adjustment Assembly           |
| 11) #GCW-5027.....  | Water Line O-Ring             |
| 12) #GCW-3018.....  | End Cap                       |
| 13) #GS-8668.....   | Screw TRS #8 x 1/2" PHP SS    |
| 14) #GS-9249.....   | Flat Washer 3.5 mm Wide       |
| 15) #GS-7662.....   | Screw MS #6-32 x 1/4" PHP SS  |



## Cumberland GCW-9510 Air Vent w/ Accessories

- |                     |                             |
|---------------------|-----------------------------|
| 1) #GCW-10050.....  | Flush Cap Assembly          |
| 2) #GCW-9051.....   | Flex Sight Tube 24"         |
| 3) #0708878.....    | Hose Clamp Nylon            |
| 4) #600-015.....    | Float Ball                  |
| 5) #GS-9244.....    | S-Hook #1 0.080 x 1-1/16"   |
| 6) #GS-8910.....    | Nut Square 1/4"-20 Plated   |
| 7) #GCW-5020.....   | Coupler Assembly            |
| 8) #HSCA-1.....     | Cord Adjuster               |
| 9) #GCW-3019.....   | Mounting Bracket            |
| 10) #GS-8789.....   | Screw MS 1/4"-20 x 3/4" RHP |
| 11) #GCW-9052.....  | Spring 22" for Sight Tube   |
| 12) #GCW-10055..... | Air Vent Welded Assy        |
| 13) #GCW-5031.....  | Spring 3" OAL x 0.418 O.D.  |



Lubing



**Drinker Mini with Plastic Adaptor**  
#L4060C.....Drinker Mini w/ Plastic Adaptor  
#L4060-S0 .... Drinker Mini w/ SS Nipple Adaptor



**Snap Cup and Extension**  
#L4017 ..... Snap Cup and Extension



**Regulator**  
See Parts Diagram page 113  
#L3201-00 ..... Flush Regulator Kit w/ sight tube  
#L3317-00..... Breather unit 450mm (18")



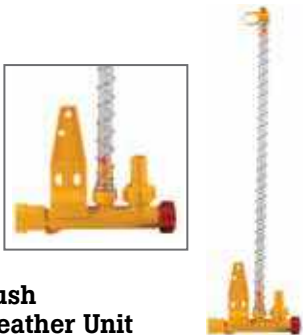
**Shut-off Midline 22mm**  
#L302-4-22-01... Shut-off Midline 22mm Pipe Aluminum



**Midline Breather**  
#L302-4-22 .... Breather Inline 18" for 22mm Pipe



**Shut-off Midline 24"**  
#L302-6-28-02 .....for 28mm Pipe w/ Flush



**Flush Breather Unit**  
#L4255-6-00 .....Breather Unit w/ 24" standpipe



**Shut-off Midline (New Style)**  
#L302N..... Shut Off Midline New Style



**Drinker Pipe**  
#L109512 .....10' drinker pipe w/ 12-4095 nipples w/ rail  
#L109515 .....10' drinker pipe w/ 15-4095 nipples w/ rail  
**WARNING:**  
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**LitterGard™ Drip Cup**  
#L4617 ..... Large  
#L4612 ..... Small  
#L4622-01 ..... Littergard 1 Arm Red



**Float Assembly**  
#L4204 ..... Float assembly  
#L0013900902 ..... Ball  
#L0013902525 ..... Pivot Arm Assembly w/o Ball



**Float Ball**  
#L0013701900 ..... Large Red Float Ball, 10 mm  
#L0013701903 ..... Small Red Float Ball, 8 mm



**Expansion Connectors**  
#L4363 .....Expansion connectors w/ crimp



**Crimping Tool**  
#L4414 .....Crimping Tool

**WARNING:**  
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**Crimp Ring**  
#L286-7RD .....for L4363  
#L316-3BR .....for L4367

**WARNING:**  
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### Feather Soft 360° Action

- #L4023 ..... High flow - broiler  
#L4077 ..... Regular flow- broiler/pullet

#### ⚠ WARNING:

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### Combi Vertical Action

- #L4005 ..... High flow, red/yellow - broilers

#### ⚠ WARNING:

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### Stainless Steel Vertical Action

- #L4071 ..... Medium flow - breeder

#### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



### OptiGROW 360° Action

- #L4050 ..... Hi flow, red - broiler  
#L4090-01 ..... Regular flow, red - pullets

#### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

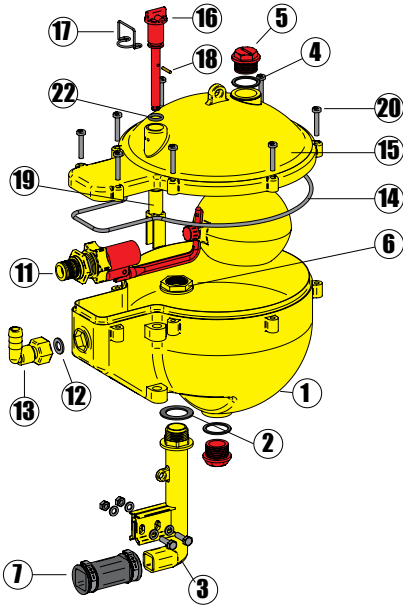


### Combi 360° Action

- #L4078-01 ..... Regular flow, red - broiler  
#L4078-00 ..... Regular flow, yellow - broiler

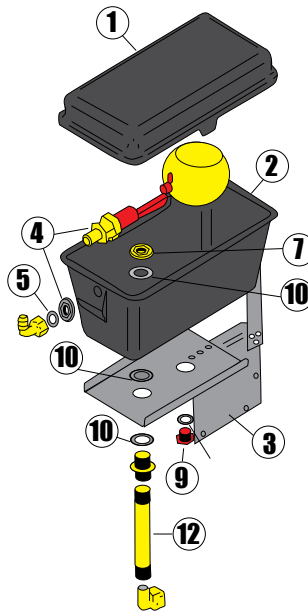
#### ⚠ WARNING:

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### Ball Tank with Flush System #L4221

- 1) #L0013800300 ..... Tank  
2) #L4212 ..... Rubber Washer 3/4" Male Thread  
3) #L0013801300 ..... Outlet with Holder  
4) #L0013701800 ..... Washer 3/4"  
5) #L0013702901 ..... Male Plug 3/4" Red  
6) #L0013801601 ..... Plastic Nut  
7) #L4367 ..... Tube Connector  
11) #L4254 ..... Ball Valve  
12) #L4215 ..... Washer 1/2" Inside  
13) #L4313 ..... Angle Hose Connector w/ Sleeve Cap Nut  
14) #L0013802000 ..... Form O-Ring  
15) #L0013800400 ..... Cover  
16) #L0013801100 ..... Flush Knob  
18) #L2707041 ..... Cylinder Screw 3mm x 16 DIN 7  
19) #L0013801200 ..... Guide Piece  
20) #L2384052 ..... Raised Cheese Screw M5 x 30 DIN 7985  
22) #L3002480 ..... O-Ring 12 x 3

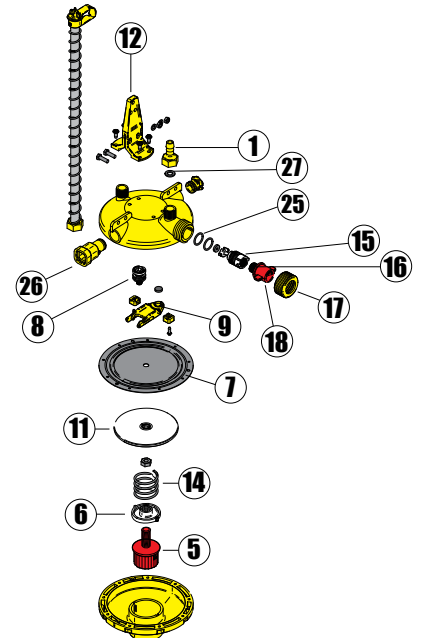


### Black Tank without Flush System #L4210

- 1) #L4201-2 ..... Water Tank Cover  
2) #L4251-1 ..... Tank Shell with Plug & Sticker  
3) #L0302000200 ..... Tank Bracket (4210)  
4) #L4204 ..... Float Assembly Complete  
5) #L4215 ..... Rubber Washer 3/4" Male Thread  
7) #L0013801601 ..... 3/4" Flat Nut  
9) #L4216 ..... 1/2" Tank Plug  
10) #L4212 ..... Rubber Washer 3/4" Male Thread  
12) #L3002 ..... Supply Tube Complete (Includes #'s 11, 12, 13)  
13) #L4210 ..... As Shown Complete



# LUBING



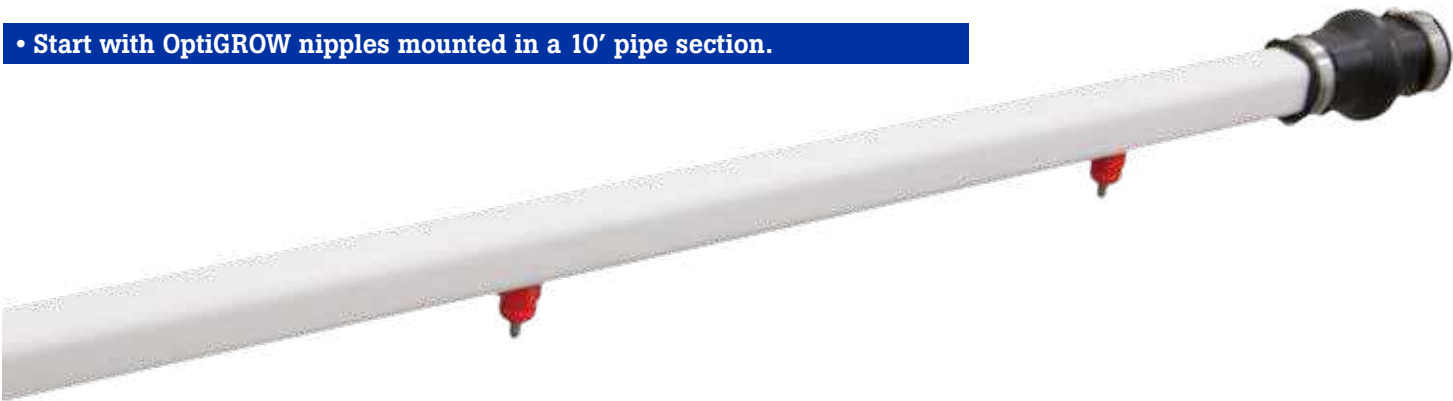
### Pressure Regulator #L3201-00

- 1) #L4311-00 ..... Hose Connector  
5) #L0302402200 ..... Adjustment Wheel  
6) #L0302402300 ..... Adjustment Nut  
7) #L0302402800 ..... Diaphragm  
8) #L0302402500 ..... Lever Operation  
9) #L0302402600 ..... Valve Lever  
11) #L0302402400 ..... Diaphragm Plate  
12) #L3301-00 ..... Hanger for Regulator  
14) #L0302403300 ..... Pressure Spring  
15) #L302002900 ..... Flush Bordering  
16) #L0302403601 ..... Adjusting Mechanism  
17) #L0302403701 ..... Holder Nut  
18) #L0302403800 ..... Toggle  
25) #L3006203 ..... O-Ring 20 x 2.5  
26) #L3303-00 ..... Transition Piece Complete  
27) #L4215 ..... Washer 1/2" Inside

# UPGRADE YOUR EXISTING SYSTEM WITH THE LUBING ADVANTAGE

The Lubing modular design makes it easy to retrofit the Lubing Advantage to your existing watering system without replacing railings, regulators and end assemblies.

- Start with OptiGROW nipples mounted in a 10' pipe section.



#L409512 .....	10' section w/ 12 OptiGROW nipples w/o rail
#L409515 .....	10' section w/ 15 OptiGROW nipples w/o rail

- Add the Hanger Brackets according the type of existing support rail. (5) brackets for every 10' section, except with a Chore-Time® system where (6) clips are required.



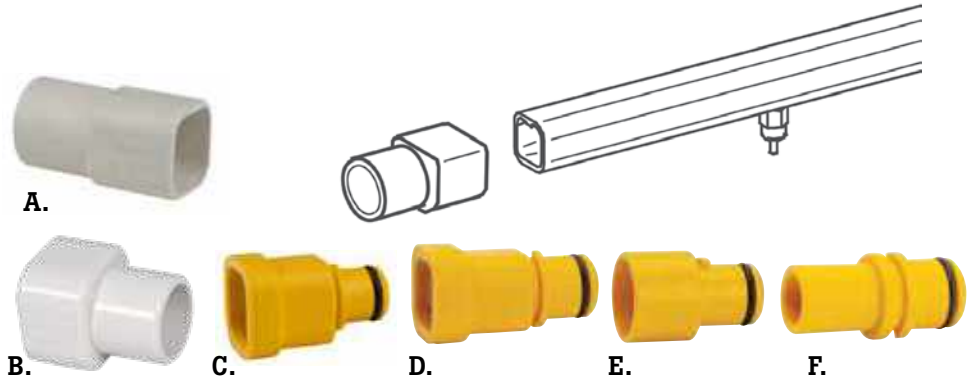
#L4327 .....	Hanger for Ziggyt®	#L00620120 .....	Hanger for Plasson®	#L00220590 .....	Hanger for Chore-Time®
--------------	--------------------	------------------	---------------------	------------------	------------------------

- Add LitterGard™ Cups



#L4617 .....	Two Arm Large
#L4612 .....	Two Arm Small
#L4622-01 .....	Single Arm

- Square to Round Transition to attach square Lubing pipe to existing regulators.



A) #L43810 .....	Square to Round Adapter 22mm x 3/4" PVC
B) #L4383 .....	Square to Round Adapter 28mm to 3/4" PVC
C) #L3304-00 .....	Transition Adapter 28mm to 22mm
D) #L3303-00 .....	Transition for 22mm Regulator
E) #L3305-00 .....	Adapter for Lubing Regulator to 3/4" Pipe (larger end)
F) #L3306-00 .....	Adapter Transition Piece to 3/4" Tube (smaller end)

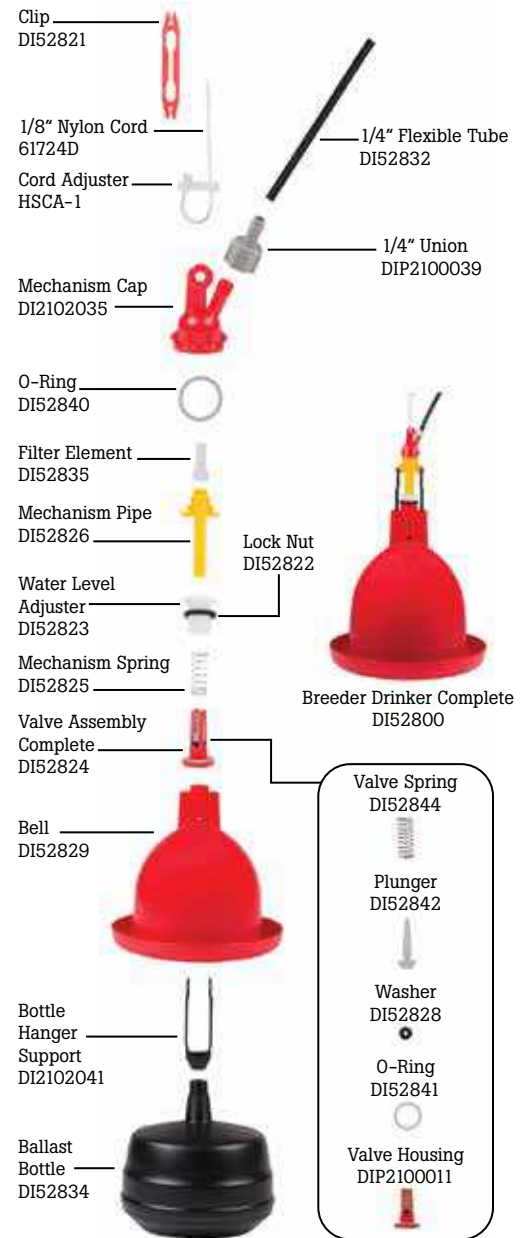


To order go to [www.hogslat.com](http://www.hogslat.com)

The unique feature of the Plasson Breeder Drinker is the ballast bottle, which acts independently of the bell and eliminates wear on the valve mechanism. The bell design ensures a constant water level and a dry floor. Once a bird drinks as little as 10 grams (0.3 oz.) of water, this highly sensitive and maintenance-free system is activated. The Bell drinker incorporates a bayonet - based bell, a special handle hook and an efficient stacking design. Combine all of these factors and you have a system that is easy to ship and install. Approximately 8- 10 Plasson Drinkers are needed per 1000 adult birds. Working pressure: (6 - 12 psi) for optimum efficiency. The pressure can be regulated by means of a pressure regulator or via a head tank. The ballast bottle should be completely filled with water up to the water level line. In frost-prone areas, add antifreeze to the water. Adjust drinkers to the proper drinking height, always keeping the drinker lip a little higher than the bird's back. Keep water level in the bell trough as low as possible.



Broiler Drinker Complete  
DIP2140000



Breeder Drinker Complete  
DI52800

### Plasson® Broiler Drinker

#DIP2140000	Broiler Drinker Complete
#DI52821	Clip
#61724D	1/8" nylon cord
#HSCA-1	Cord Adjuster
#DI2140018	Handle Hook
#DI2140009	Water Level Adjuster
#DIP2140012	Mechanism Top
#DI2140011	Mechanism Lock Collar
#DIP2140016	Stainless Steel Spring
#DI2140017	Washer
#DI2140015	Washer Support
#DI2140013	Mechanism Body
#DI2140014	Down Spout
#DI2140004	Bell
#DI2140007	Hanger Rod
#DI2140008	Hanger Ballast Nut
#DI2140002	Ballast Bottle
#SDBV22	InLine Shut-off
#DI52832	1/4" Flexible Tube
#DIP2100039	1/4" Union

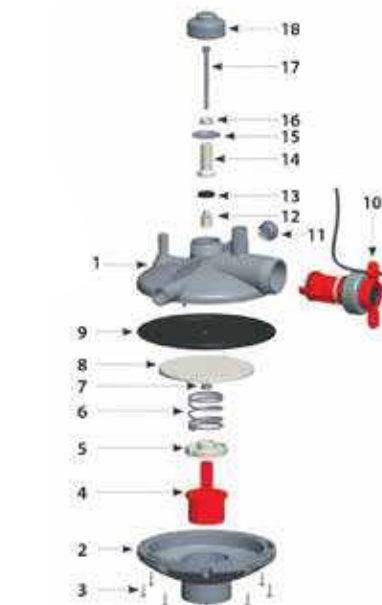
### Plasson® Breeder Drinker

#DI52800	Breeder Drinker Complete
#DI52821	Clip
#61724D	1/8" nylon cord
#HSCA-1	Cord Adjuster
#DIP2100039	1/4" Union
#DI52832	1/4" Flexible Tube
#DI2102035	Mechanism Cap
#DI52840	O-Ring
#DI52835	Filter Element
#DI52826	Mechanism Pipe
#DI52823	Water Level Adjuster Nut
#DI52822	Lock-nut
#DI52825	Mechanism Spring
#DI52824	Valve Assembly Complete
#DI52829	Bell
#DI2102041	Bottle Hanger Support
#DI52834	Ballast Bottle
#DI52844	Valve Spring
#DI52842	Plunger
#DI52828	Washer
#DI52841	O-Ring
#DIP2100016	Valve Housing



### Nipple Line Head Kit #DI220507AMK2

- 1) #DIP2205701 .....Top Shell
- 2) #DI2205702 .....Bottom Shell
- 3) #DI2205720 .....Screw
- 4) #DI2205703 .....Knob
- 5) #DI2205704 .....Nut
- 6) #DI2205713 .....Spring
- 7) #16007006 (NSU) .....Hex Nut
- 8) #DI2205705 .....Backing Plate
- 9) #DIP2205715 .....Large Diaphragm



- 10) #DI2205489 .....Auto Flush Valve
- 11) #02205680 (NSU) .....Cap
- 12) #DI2205707 .....Lower Spool
- 13) #DIP2205717 .....Seal
- 14) #DI2205706 .....Upper Spool
- 15) #DIP2205716 .....Small Diaphragm
- 16) #DI2205708 .....Washer
- 17) #DI2205714 .....M6 Screw
- 18) #DI2205709 .....Cap

### Replacement Parts for Nipple Line Head Kit #DI220507AMK2

- B) #DIP2205122 .....Plasson Drinker Line Coupling Connector
- E) #60600 .....Bolt 1/4" x 1/2"
- F) #60600 .....Bolt 1/4" x 1/2"
- G) #60602 .....Nut 1/4"
- H) #DI3016055 .....Valve, Line Head 1/2" Barb x FPT
- I) #DIP220507S .....Sight Tube Complete
- NS) #DIP2205410 .....Cap for Sight Tube Drinker
- NS) #DIP2205413 .....Tube Only for Sight Tube 24"
- NS) #DIP2205429 .....Spring only for Sight Tube 24"



### Drinker Nipples

- #DIP2205202 .....Yellow nipple only
- #DIP2205009 .....Orange nipple only
- #DI2205007 .....Gray nipple only

### Drip Tray/Cup

- #DIP2205001 .....Drip Tray/Cup Only Broiler



### PVC Drinker Pipe

- #DIP2205130-10 .....10' w/ 10 holes



### Aluminum Support Rail

- #DI2205162 .....10' long

#### ⚠ WARNING:

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### Aluminum Connectors

- #DI2209023 .....Short connector
- #DI2209024 .....Long connector (14")

#### ⚠ WARNING:

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### Suspension Clip

- #DIP2209016 .....clip black

### MK2 Retro Kit

Converts new regulator to older drinker lines.



- #DI2205035 .....External connector
- #DI2205985 .....PVC sleeve
- #DIP2205122 .....Insert fitting, 25mm
- #DI2205132 .....complete kit

### Sight Tube Kit

- #DIP220507S .....Sight tube complete
- Includes:
- #DIP2205413 .....riser tube
- #DIP2205429 .....spring
- #DIP2205410 .....cap
- #DIP2205411 .....float ball, orange



# Plasson Water on Demand System

By simply upgrading every nipple line to the patented Plasson pressure reducers you allow the WOD system to operate. Plasson regulators can be upgraded using an easy-to-use Retrofit Kit. The water pressure in all drinker lines can be managed from a single location by using 2 pre-set pressure regulators (one regulator for low to medium pressures and a second regulator for medium to high pressures). Additional pre-set regulators are available if desired, giving you more stages for your program.

The patent pending Water on Demand (WOD) ensures uniform pressure in all drinker lines and supplies water according to your birds' changing demands. This takes the labor out of constantly changing individual regulator pressures as birds age and adjusting water levels in riser tubes. Water on Demand does not require additional expensive infrastructure for installation. It fits every Plasson watering system and can fit other brands of drinking systems using a Retrofit Kit. Water on Demand maximizes bird performance with optimal water supply, maintains drier litter, and cuts labor costs.

The WOD system enables immediate transition between different preset pressures of all nipple lines in a

house by closing and opening solenoid or manual valves at a central control point. With the solenoid model, you can control automated valves through your controller or a standard electrical timer. These immediate, uniform pressure transitions at specific ages and peak drinking times aid in bird performance and lead to simplified management of your watering system.

### PRESSURE REQUIREMENT:

Inlet pressure to the Water on Demand Control Unit requires a minimum of 43 psi. Operating the WOD panel between 8-43 psi will allow the Plasson Pressure Reducers to regulate line pressure between 4 to 24 column inches. This allows whole house pressure management at one central location depending on bird requirements and floor conditions.

- #DI220507WMK2 ..... WOD MK2 Header Kit
- #DI22050WDB ..... WOD Basic Unit
- #DI22050WDE ..... WOD Extension
- #DI22050WDBE ..... WOD Basic Unit w/ Extension



### Pro System

- Includes:
- Pump and motor
- Frequency drive
- Pressure sensor

- #DI2205389K ..... Pro System



### Pump

- #DI2209029 ..... Pro Pump



### WARNING:

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### Pressure Sensor

- #DI2205279 ..... WOD sensor bar



### Frequency Drive

- #DI2350007 ..... WOD drive module



### Regulator

- #DI2205950 ..... Pressure Regulator



### Water Pressure Gauge

- #DI22050WODGAUGE ..... 0 to 60 psi



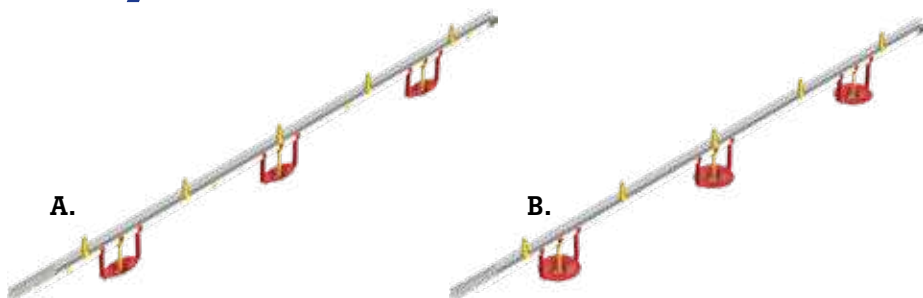
### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)





# EasyLine *The recipe for success is Easy. Just Add Water.*



## A) Brooding - Finishing Hens With Aluminum Rail

#L4086 ..... 10 ft. Section W/5-4070 W/4631 Red Cups  
 #L4030 ..... 10 ft. Section W/6-4070 W/4631 Red Cups

## B) Finishing - Toms With Aluminum Rail

#L4088 ..... 10 ft. Section W/4-4070 W/4630 Red Cups  
 #L4089 ..... 10 ft. Section W/5-4070 W/4630 Red Cups

**WARNING:** This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



**Brood/Hen  
Finishing Cup**

#L4631-1-01 ..... Rearing Cup w/ SS insert



**Tom  
Finishing Cup**

#L4630-1-01 ..... Tom Finishing Cup w/ SS insert



**Starter Ball**

#L4636-01 ..... Starter ball 30mm ( Red)



**Pendulum**

#L4633 ..... Pendulum



**Pendulum Holder**

#L4632-01 ..... Pendulum holder, red



**Drive Socket 1/4"**

#L7600600200... 1/4" for lubing adult turkey nipples

**WARNING:** This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



**Nipple**

FeatherSoft Turkey Nipple  
 360° stainless steel  
 designed for EasyLine  
 Drinking System.

#L4070 ..... 360° SS nipple

**WARNING:** This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

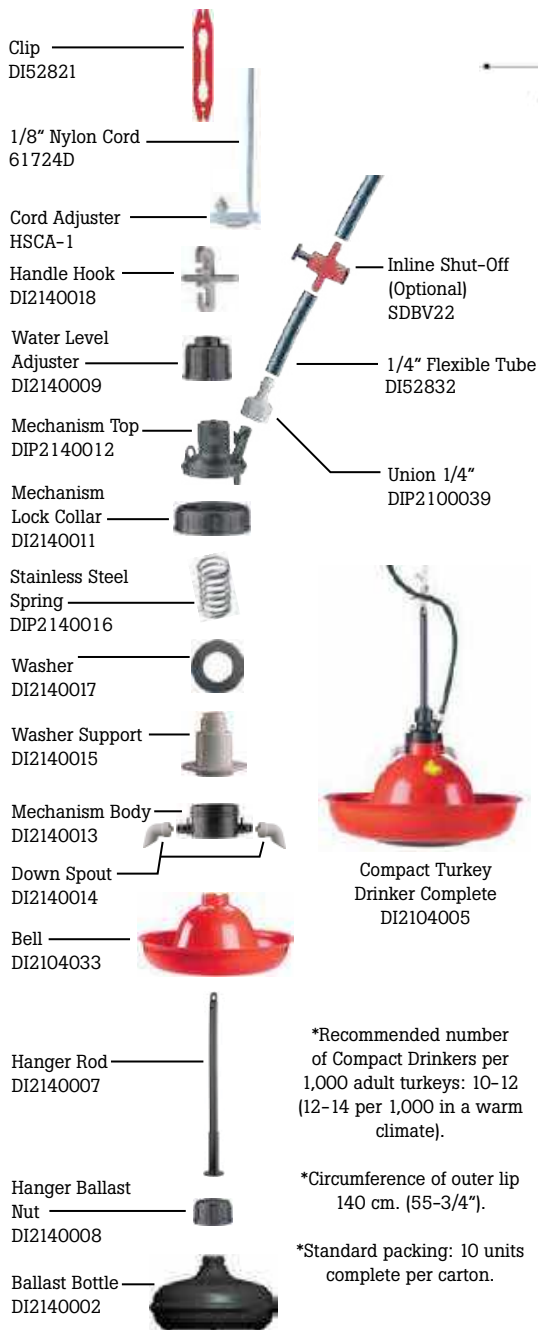


**Aluminum Profile - Turkey**

#L0301101600 ..... Aluminum Profile - Turkey  
 #L0301201100 ..... Coupling for Aluminum Profile

**WARNING:** This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

# Turkey Drinkers



\*Recommended number  
of Compact Drinkers per  
1,000 adult turkeys: 10-12  
(12-14 per 1,000 in a warm  
climate).

\*Circumference of outer lip  
140 cm. (55-3/4").

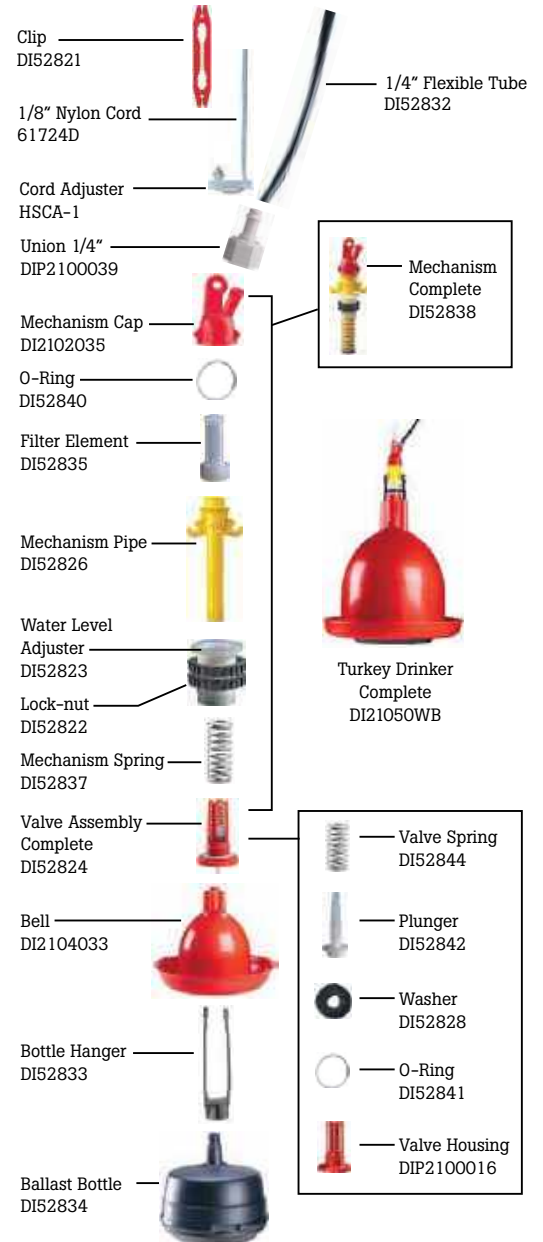
\*Standard packing: 10 units  
complete per carton.



**Super Easy  
Start Adjustable  
(SESA)  
#2205546**



**Turkey  
Heavy Finish  
#2205534**



## Plasson® Compact Turkey Drinker

#DI2104005	Compact Turkey Drinker Complete
#DI52821	Clip
#61724D	1/8" nylon cord
#HSCA-1	Cord Adjuster
#DI2140018	Handle Hook
#DI2140009	Water Level Adjuster
#DIP2140012	Mechanism Top
#DI2140011	Mechanism Lock Collar
#DIP2140016	Stainless Steel Spring
#DI2140017	Washer
#DI2140015	Washer Support
#DI2140013	Mechanism Body
#DI2140014	Down Spout
#DI2104033	Bell
#DI2140007	Hanger Rod
#DI2140008	Hanger Ballast Nut
#DI2140002	Ballast Bottle
#SDBV22	Inline Shut-off
#DI52832	1/4" Flexible Tube
#DIP2100039	1/4" Union

## Plasson® Turkey Drinker

#DI21050WB	Turkey Drinker Complete
#DI52821	Clip
#61724D	1/8" nylon cord
#HSCA-1	Cord Adjuster
#P2100039	Union 1/4" ( 2 Units)
#DI2102035	Mechanism Cap
#DI52840	O-Ring
#DI52835	Filter Element
#DI52826	Mechanism Pipe
#DI52823	Water Level Adjuster
#DI52822	Lock-nut
#DI52837	Mechanism Spring
#DI52824	Valve Assembly Complete
#DI2104033	Bell
#DI52833	Bottle Hanger
#DI52834	Ballast Bottle
#DI52832	1/4" Flexible Tube
#DI52838	Mechanism Complete
#DI52844	Valve Spring
#DI52842	Plunger
#DI52828	Washer
#DI52841	O-Ring
#DIP2100016	Valve Housing

## Gravity Flow Water Cup and Nipple Kits

Quick, efficient way to provide a water cup drinker for pigs using gravity flow tank or barrel. Aluminum cup with cradle base for added stability. Includes interior 209 gravity valve.

Drill a 7/8" hole in the side of barrel or tank to install the adaptor. Includes nipple.

- #17515 ..... Gravity Flow Water Cup  
 #13235 ..... Model 75 finish nipple  
 #13307 ..... Model 97 Spiglet nipple

### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Top Mount Water Bracket

Used to mount adjustable water bracket to the top of angle top penning. Order the following items for each mounting.

- (1) #2000310100 ..... Top mount water bracket  
 (2) #5000920100 ..... Top spacer connector  
 (2) #60647 ..... 1/4" V-bolts  
 (4) #60680 ..... 1/4" Lock nuts

### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Stainless Steel Water Bracket

- #3531 ..... SS 450 water bracket

### WARNING:

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## Nipple Bar

Nipple Bar provides an additional water source during the first few weeks for pigs placed in wean-to-finish barns. Constructed of stainless steel with HSNA-38 nursery nipples. Hook package attaches unit to the gating and allows for easy removal after the pigs are started.

- #8155621500 ..... (12) Nipple Bar  
 #8155601500 ..... (8) Nipple Bar  
 #8155791500 ..... (4) Nipple Bar

### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Outdoor Hog Waterer

Steel-jacketed, heated fountain with 150-hog capacity. Measures 13" wide x 23-3/4" long. See more features online under the Farmstead Equipment section.

- #BRMC32E ..... Outdoor Hog Waterer

### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Water and Feed Systems Hanging Bracket

- #8080790600 ..... Galvanized

### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Pipe

- Male thread both ends

- #8151720500 ..... 1/2" x 36" SS Pipe  
 #8151660500 ..... 1/2" x 48" SS Pipe  
 #56510 ..... 1/2" x 42" Galv. Pipe

### WARNING:

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## Straight & 90° Tee

- #56512 ..... 1/2" Galvanized Tee  
 #56710 ..... 1/2" Stainless Steel Tee  
 #56513 ..... 1/2" Galvanized 90°  
 #56712 ..... 1/2" Stainless Steel 90°

### WARNING:

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A.

B.

C.

D.

- A) #603244 ..... 1/2" MPT x 3/4" Barb  
 B) #602151 ..... 1/2" ball threaded  
 C) #75B1/2 ..... Female Coupler x 1/2" MPT  
 D) #050F ..... Male Adaptor x 1/2" MPT

## Nipple Bar Hook Package

### Includes:

- (1) Square tube u-bracket  
 (2) Hook brackets  
 (1) PTO pin  
 (2) 1/4" zinc nylocks  
 (2) 1/4" X 1-3/4" zinc bolt

- #8155631100 ..... Nipple Bar Hook Pkg

### WARNING:

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## Adjustable Waterer

- 2 nipples per pen (not included)
- Pinch bracket adjustment

#56605..... 36" Stainless Steel, Single  
 #8150070200..... 36" Galvanized, Single  
 #56508821..... 24" Galvanized, Double  
 #8150010200..... 36" Galvanized, Double  
 #566071..... 36" Stainless Steel, Double

### ⚠ WARNING:

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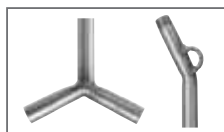
## Stainless Steel Swinging Water Bracket

- End water bracket problems forever with this stainless steel hanging water bracket.

#3525-36SS..... 36" Water Bracket - Y  
 #3525-10-SS..... Straight Water Bracket

### ⚠ WARNING:

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## Galvanized & Stainless Steel Quad Pipe Waterers

#Q36SS..... 36" SS Quad waterer  
 #Q36..... 36" Galv. Quad waterer

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## Trough Waterer

- SCH 80 galvanized pipe
- Includes heavy duty brass valve

#8150910700..... 1/2"  
 #8150900700..... 1"

### ⚠ WARNING:

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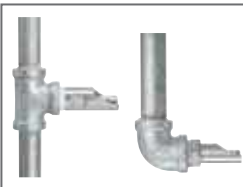


## European Crate Waterer

#8150600700..... 38"-1/4" Galv. pipe w/nipples  
 #8150640500..... 38"-1/4" SS pipe w/nipples

### ⚠ WARNING:

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## Gestation Waterers

- Add nipple waterers to your gestation stalls
- Nipple not included
- Attach to stalls with K-clamp (2 required)

#56505..... 36" Single stainless Steel  
 #HSH011..... 1/2" Galv K-clamps for attachment

### ⚠ WARNING:

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## Molded Plastic Water Swing Bracket

- Non-corrosive
- Reduces wear and tear on pen panels
- Threads molded right in for consistency, better sealing and easier maintenance.

#17598..... Molded plastic

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## Water Swing Bracket

Stainless steel construction with nipples spaced approximately 12-1/2" apart and with the shielding of the PlayGuard discouraging hog infighting. For consistent water delivery, choose the Model 2000 Wrench Curve Nipple. (nipples not included)

#17338..... Water Swing Bracket

### ⚠ WARNING:

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## Hanging Drinker Kit

- 18" long pipe bracket
- 7'0" chain
- Ceiling bracket

#HW08..... Galvanized  
 #HW08SS..... Stainless Steel

### ⚠ WARNING:

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## Offset Double Stall Waterer

- Stainless Steel
- 24" height
- Upright pipe is right of center facing nipples
- Upright bent for angle top stall

#DS24SSB-090..... Gestation waterer

### ⚠ WARNING:

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## U-Bend Double Stall Waterer

- Stainless Steel
- 24" height
- Upright bent for angle top stall

#DS24SSB-090-SPC..... Gestation waterer

### ⚠ WARNING:

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## Water Pipe Clamp Kit

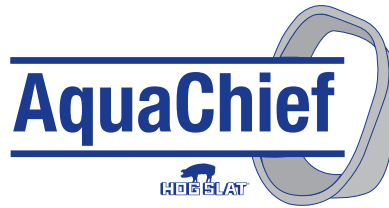
- Clamps to 1/2" rod
- (1) Galv Clamp
  - (2) 5/16" U-bolt SS
  - (4) 5/16" Locknuts SS

#2090261200..... 1/2" Clamp Kit

### ⚠ WARNING:

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### INSTALLATION AND PLACEMENT GUIDELINES



**Our studies show that placement is critical to the efficient use of cup waterers. Follow these guidelines for the best results:**

- Cups should rest 6" from the floor to the bottom lip of the bowl.
- Place the feeder no closer than 19" to the edge of the bowl to reduce excessive feed in the bowl or feeding pigs blocking access.
- Install no farther than 36" from the feeders - reduces the likelihood of pigs dunging the cup.

**Order both for complete installation**

#8150781501 .....	AquaChief cup with pipe and nipple only
#8150781520 .....	AquaChief mounting hardware (back up plate and pipe clamp kits)
#8150780500 .....	Cup waterer wean-finish, only
#8152190500 .....	1/2" x 48" straight pipe without nipple
#8151860500 .....	1/2" x 11-3/4" pipe without nipple
#8152191500 .....	48" SS pipe assembly w/ nipple straight pipe threaded

**⚠ WARNING:** This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## HOG SLAT® Welded Water Cups



Heavy 304 stainless steel welded construction with a 16-gauge cup body and 11-gauge back mounting plate. Includes S.S. top mounting bracket. Does not include gate mounting hardware or nipples.



Offset back plate forms gap to prevent manure buildup against gate.



Includes threaded pipe end.



Includes top mounting bracket.

#8160191500 .....	Single Water Cup Package
#8160171500 .....	Double Water Cup package
#8160201500 .....	Single Nursery Water cup package
#8160211500 .....	Double water nursery cup package
#8160180500 .....	Top Mount Bracket, SS

**⚠ WARNING:** This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## Featuring the Exclusive **AQUAFLO** Trigger Nipple to eliminate spraying and reduce wastage

AquaBowl is formed as a one-piece, stainless steel bowl with no welds to leak, no corners to gather debris or sharp edges to injure pigs. The wide mounting flange with pre-punched holes installs to any type of floor. Farrowing equipment lasts longer when using an AquaBowl because pens stay drier.

#HS610 .....	AquaBowl only
#HS610-1 .....	SS pipe w/ AquaFlo nipple

### ⚠ WARNING:

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### Back up Plate Kit

- AquaChief cup and bolt package includes all products listed below. No separate ordering needed!
- Mounts 1 cup.



#8152501200 .....	Galv kit
INCLUDES:	
#60619 .....	4) 1/4-20 x 1-1/2" SS bolt
#60603 .....	4) 1/4" S.S. lock nuts
#8152500200 .....	4) 8" Galv. back up plate
#60579 .....	4) 1/4" flat washer

### ⚠ WARNING:

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### Water Cup Pipe Clamp Kit

Galvanized bracket attaches round 1/2" water pipe to angle top penning. Includes:

- (1) 8160140700 Galv. panel clamp
- (1) 8152670200 Galv. clamp bracket
- (1) 60647 Zinc V-bolt
- (2) 60680 Zinc Locknuts
- (2) 60579 SS Flat Washer

#8152671200 .....	Single water panel clamp
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### ⚠ WARNING:

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# Hog Slat® Aqua Series

Hog Slat's exclusive line of nipple drinkers feature stainless steel construction, chemical-resistant Viton O-rings, adjustable flow rate and screen cap to keep out debris.



## Nursery Nipple

**Size:** 3/8" x 1/2" MPT  
**Flow:** 3.2 qts/min. @ 40 PSI  
**Usage:** Birth to 50 lbs.

#HSNA-38..... Nursery Nipple  
 #HSNA-38-5 ..... pack of 5



## Finish Nipple

**Size:** 1/2" MPT  
**Flow:** 4.2 qts/min. @ 40 PSI  
**Usage:** 50 lbs. to Finish

#HSNA-50..... Finish Nipple  
 #HSNA-50-5 ..... pack of 5



## Trigger Nipple w/Silicone Insert

**Size:** 1/2" MPT  
**Flow:** 3.2 qts/min. @ 40 PSI  
**Usage:** Cup Waterers

#HSNA-50TS..... Trigger Nipple



## Wet/Dry Nipple w/Silicone Insert

**Size:** 1/2" MPT  
**Flow:** 4.0 qts/min. @ 40 PSI  
**Usage:** Wet/Dry Feeders

#HSNA-50WD ..... Wet/Dry Nipple



The RIO nipple utilizes the patented HydroDam insert to reduce spraying and deliver a gentle water flow. Pigs drink naturally with less waste.



## Finish Nipple

**Size:** 1/2" MPT  
**Flow:** 4.2 qts/min. @ 40 PSI  
**Usage:** 50 lbs. to Finish

#HSNR-50 ..... finish nipple  
 #HSNR-50-5 ..... pack of 5



The AquaFlo forward spring design releases water flow without compressing the spring for reduced material fatigue and longer service life. When animals activate the spring, water flows out of the body through the forward part of the housing dispensing an even, steady flow of water without spraying. AquaFlo nipples include a gravity flow orifice setting. AquaFlo nipples include a gravity flow orifice setting.



## Trigger Nipple

**Size:** 1/2" MPT  
**Flow:** 4.6 qts/min. @ 40 PSI  
**Usage:** Cup Waterer

#HSNAF-90TS..... Trigger Nipple



## Bite Nipple

**Size:** 1/2" MPT  
**Flow:** 4.6 qts/min. @ 40 PSI  
**Usage:** Breeding Herd

#HSNAF-90 ..... Bite Nipple

### ⚠ WARNING:

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### ⚠ WARNING:

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## Flow rate per orifice setting - Quarts/min. @ 40 psi.

Item#	Small	Middle	Large
HSNA-38	1.0	1.6	3.2
HSNA-50	1.0	1.8	4.2
HSNR-50	1.0	1.8	4.2
HSNA-50TS	1.5	2.7	3.2
HSNA-50WD	2.5	3.5	4.0
HSNAF-90*	1.8	3.3	4.6
HSNAF-90TS*	1.8	3.3	4.6

\*Also includes gravity flow orifice setting.

## Replacement Parts

Item#	Description	Nipple Model
HSNA-38-003	Spring	HSNA-38
HSNA-38-007	O-Ring	HSNA-38
HSNA-50-003	Spring	HSNA-50, HSNR-50,
HSNA-50-006	Screen	HSNA-38, HSNA-50, HSNA-50,
		HSNA-50TS
HSNA-50-007	O-Ring	HSNA-50, HSNA-50
HSNA-50TS-3	Silicone Insert	HSNA50TS
HSNAF-90T-7	Spring	HSNAF-90, HSNAF-90TS



# Swine Nipples

## WARNING:

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### Edstrom Wet Feeder Nipple

- 2 qt./min @ 40 psi

#565754 .....Wet Feeder Nipple



### Edstrom Sow Nipple

- 2.5 qt/min @ 40 psi

#565751 ..... Sow Nipple



### Edstrom Hog Nipple

- 2.5 qt/min @ 40 psi

#565753 .....Hog Nipple



### Edstrom Piglet Trainer Nipple

- 1 qt./min @ 40 psi
- Adjustable drip setting

#565155 ..... Piglet Trainer Nipple



### Edstrom Piglet Nipple

- 1.5 qt/min @ 40 psi

#565752 ..... Piglet Nipple



### AquaChief Nipple

- Replacement nipple for AquaChief

#HSNA-50TS ..... Aqua Series Trigger w/ Silicone Insert

#56571SI ..... Replacement Silicone Insert

#56571 ..... AquaChief Nipple w/ Spring

#565780 ..... Replacement spring



### Bekalo L90

- High flow rate - 1.2 gal/min
- Stainless steel/ brass construction
- Replaceable valve seat

#NSL-90 ..... Bekalo L90



### TROJAN Model 75 Cone Throat Nipple

- Stronger, thicker hex-head body
- Simplified design eliminates Delrin washer
- Cone throat reduces water waste and spray

#14775A ..... New Model 75



### TROJAN Spiglet 97 Nipple

- 100% Stainless Steel
- 3 position adjustable orifice
- For farrowing and nursery pigs

#56574 ..... Trojan Spiglet 97 Nipple



### Monoflo® Nipples

#56577 ..... 1/2" Finish

#565771 ..... 1/2" x 3/8" Nursery



### Monoflo Wet/Dry Feeder Nipple

- 1/2" female thread

#565712 ..... 1/2" female



### Monoflo Wet/Dry Feeder Nipple

- Center Flow
- Adjustable Flow Rate

#3509-00-00 .....Center Flow Dial Nipple



### AquaGlobe® Bite Ball Valve

#HSAP-2509 ..... Sow

#HSAP-2508 ..... Finish

#HSAP-2505 .....Nursery



### Egebjerg Nipple

- Wet/dry nipple
- Works with 18 to 80 psi
- Replacement nipple for tube feeders
- No spring

#E93417 ..... Tube-O-Mat



### Limit Nipple

- Center flow nipple
- Adjustable water flow
- Operates at 1 to 100 psi

#L70 ..... Pig Nipple

#L80 ..... Finish Nipple



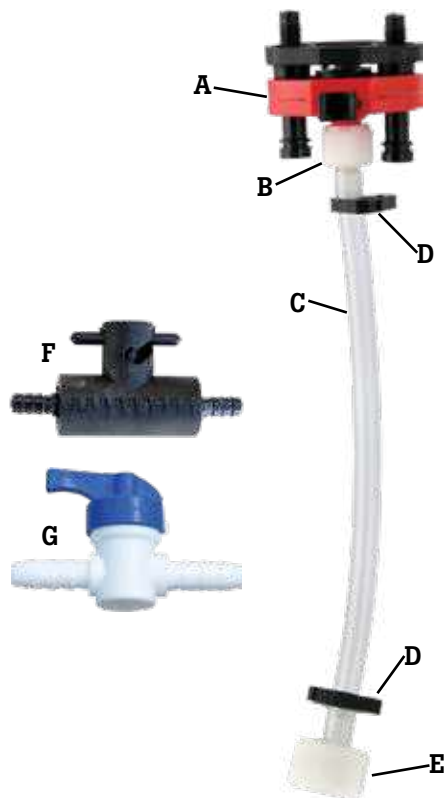
#600211



## Complete Plumbing Kits

Includes 3/4" hose, (2) SS hose clamps and PVC tee. Just push hose over 1/2" water pipe and clamp.

#565411	4'
#565421	5'
#600211	3/4" x 3/4" x 3/4"



## Plumbing Kit Complete Assembly & Parts

- 1/4" x 6' reinforced hose
- Saddle clamp with shut off
- 1/2" Nylon female swivel connector

#56559	1/4" x 6' plumbing (complete)
#565541	Washer for saddle clamp
A) #56554	Saddle clamp with shut off
B) #56550	1/4" swivel nut and insert
C) #4511-0251	1/4" braided hose (6' required per kit)
D) #1053	1/4" Speedy Jaw clamp
E) #565510	1/2" swivel nut and insert with washer
F) #WF3230	In-Line Valve 1/4" barb x 1/4" barb
G) #SDBV22	1/4" x 1/4" Shut off valve

## Spigot

- 1/2" & 3/4" brass spigot

#60242	1/2" brass spigot
#60243	3/4" brass spigot



### WARNING:

This product can expose you to chemicals, including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Spigot

- 3/4" full port

#602431	3/4" full port spigot
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## Spigot

- Ball valve style handle

#262482	Spigot/Hose Bibb 1/2"
#262483	Spigot/Hose Bibb 3/4"



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## Brass Boiler Drain

#HE292966	Drain Boiler 1/2" MPT Brass BD-12M
#HE262745	1/2" brass spigot



### WARNING:

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## Plastic Boiler Drain

#HE262421	Drain Boiler Plastic 3/4" MPT
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## Barb Nylon Fittings

- 1/2" female thread

1) #TAF-1084	1/2" FPT x 1/4"
2) #565510	Nut Swivel, 1/2" x 1/4" Barb w/washer

### WARNING:

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## Stainless Steel Barb Fitting

#603066	1/2" FPT x 1/4"
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### WARNING:

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## Stainless Steel Hose Clamps

#HSHC-06	SAE06 7/16" - 25/32" SS
#HSHC-08	SAE08 1/2" - 29/32" SS
#HSHC-12	SAE12 11/16" - 1-1/4" SS
#HSHC-16	SAE16 13/16" - 1-1/2" SS
#HSHC-20	SAE20 13/16" - 1-3/4" SS
#HSHC-24	SAE24 1-1/16" - 2" SS
#HSHC-36	SAE36 1-13/16" - 2-3/4" SS
#HSHC-56	SAE56 3-1/16" - 4" SS
#HSHC-M04	SAEMini04 7/32" - 5/8" SS
#HSHC-M06	SAEMini06 7/16" - 25/32" SS
#HSHC-96	SAE96 5-5/8" - 6-1/2" SS



### WARNING:

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## Bibb Hose

- 3/4" plastic

#60243P	3/4" plastic hose bibb
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## Speedy Jaw Clamp

- 1/4", 3/8"

#1053	1/4"
#1052	3/8"
#0708878	3/4" to 7/8" Black (Ziggity Z511)



## Stainless Steel Barb Fitting

#603065	1/2" FPT x 1/4"
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### WARNING:

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## Stainless Steel Swivel & Barb

- 1/2" x 1.4". End plastic fitting problems with our stainless steel swivel and barb.

#565516	Stainless Steel Swivel & Barb
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## Drinker Hose

• FHT x FHT



Item#	Length	Diameter	Color
#52754	3'	1/2"	Red
#52753	8'	1/2"	Red
#52755	10'	1/2"	Red
#52756	12'	1/2"	Red
#52745	4'	3/8"	Black
#52747	8'	3/8"	Black
#52746	10'	3/8"	Black
#26053-04	4'	5/8"	Red
#26053-08	8'	5/8"	Red
#26053-10	10'	5/8"	Red
#26053-12	12'	5/8"	Red

### WARNING:

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#52793



#HE191318



#HHSW-B

## 3/4" Hose Washers

- #52793 ..... Black vinyl washer  
 #HE191318 ..... Red rubber washer  
 #HHSW-B ..... Black rubber washer w/ screen

## Rubber & Braided Water Hose

- #4511-0251 ..... Braided Hose - 1/4" ID - Clear  
 #4511-0381 ..... Braided Hose - 3/8" ID - Clear  
 #565611 ..... Rubber Hose - 3/8" ID - Red  
 #60254 ..... Rubber Hose - 5/8" ID - Black  
 #60255 ..... Rubber Hose - 3/4" ID - Black  
 #60256 ..... Rubber Hose - 1" ID - Black  
 #52771 ..... 1/2" Standard Green Water Hose  
 #4103-0050-328 ..... 1/2" Heavy duty red water hose  
 #15935 ..... Garden Hose 5/8" x 50' hose w/ fittings  
 #AP98108804 ..... Hose Water 3/4" x 50' MxF GHT Heavy Duty (AG200)  
 #AP98108809 ..... Hose Water 3/4" x 100' MxF GHT Heavy Duty (AG200)



## Garden Hose Barb Coupler

### FEMALE

- #05711361 ..... Heavy Brass w/ Hose Clamp - 3/4"  
 #07307069 ..... Heavy Brass w/ Hose Clamp - 1/2"  
 #07313034 ..... Heavy Brass w/ Hose Clamp - 5/8"

### MALE

- #05704564 ..... Heavy Brass w/ Hose Clamp - 3/4"  
 #07299415 ..... Heavy Brass w/ Hose Clamp - 1/2"  
 #07313646 ..... Heavy Brass w/ Hose Clamp - 5/8"

#05704564



#05711361

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## Garden Hose Female Coupler

- 1) #HW58FB ..... Brass Female, 5/8" barb  
 2) #HW34FB ..... Brass Female, 3/4" barb

### WARNING:

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## Nylon Hose Fittings

- 3) #RCT-41 ..... 3/4" FGHT x 1/2" barb  
 4) #HMNG3434 ..... 3/4" MGHT x 3/4" barb  
 5) #HFG3434VW ..... 3/4" FGHT x 3/4" barb  
 #52792 ..... 3/4" FGHT x 1/4" barb  
 #RCT-3412 ..... 3/4" MGHT x 1/2" barb

## Garden Hose Male Barb Coupler

- 6) #HW58MB ..... Brass Male, 5/8" barb  
 7) #HW34MB ..... Brass Male, 3/4" barb  
 #HHW12M-B ..... Brass Male, 1/2" barb

### WARNING:

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## Specialty Garden Hose Adapter

- 8) #60167 ..... Brass 3/4" MPT x 3/4" MHT  
 9) #RCT-3413 ..... Nylon, 3/4" MGHT x 1/2" MPT  
 10) #RCT-3415 ..... Nylon, 3/4" MGHT x 3/4" MPT

### WARNING:

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## Specialty Garden Hose Adapter

- 11) #602542 ..... Brass, 3/4" MHT x 3/4" FIP  
 12) #122-ED ..... Brass, 3/4" MPT x 1/2" MPT  
 13) #G20-031 ..... Brass 3/4" Swivel FHT x 1/2" FPT

### WARNING:

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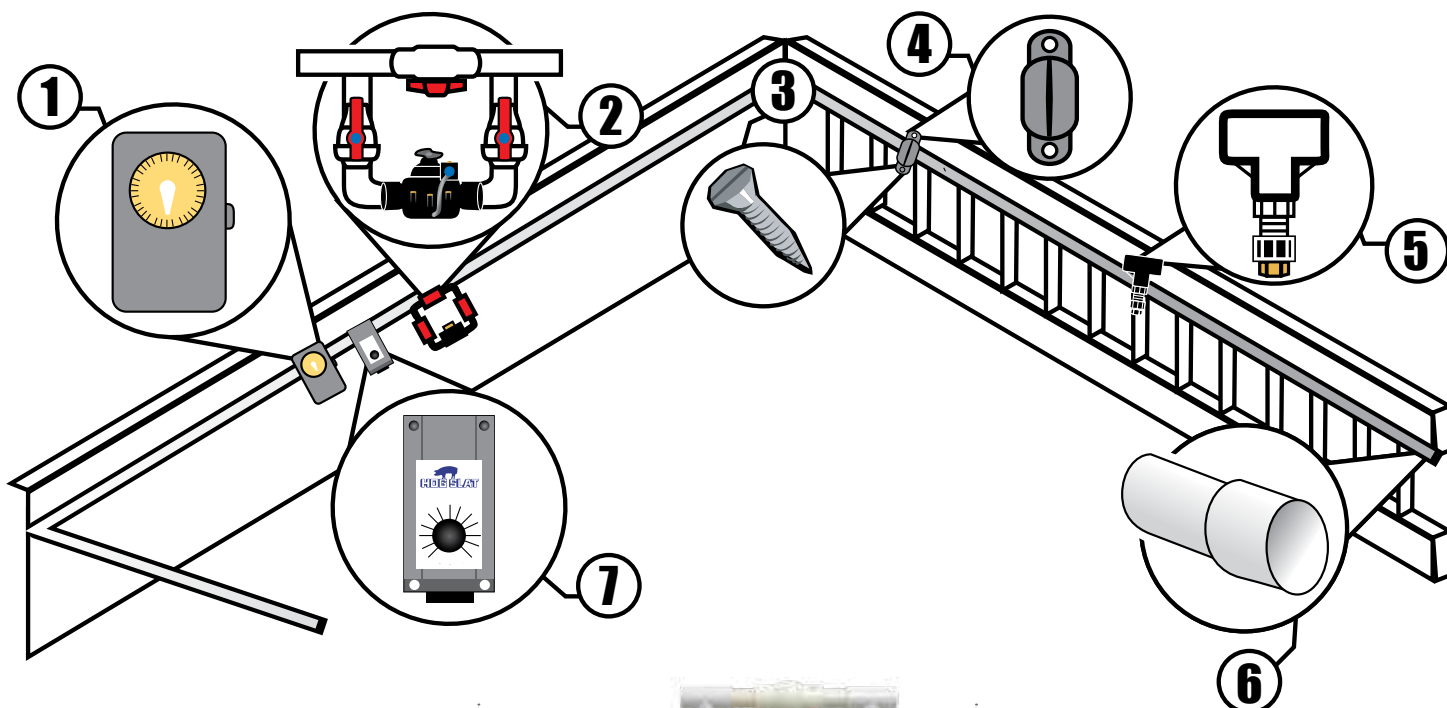
## Barb Nylon Fittings

• High impact nylon hose fittings

- 14) #N3412 ..... 3/4" MNPT x 1/2" barb  
 15) #NC1234 ..... 1/2" MNPT x 3/4" barb







### 1) Timer



#590010 ..... 1-hour cycle

### 2) Solenoid Assembly



#61005 ..... 3/4" w/ bypass  
#60361 ..... Solenoid Valve 1 inch, 115V  
#603620 ..... Solenoid coil 115V  
#60376 ..... Reducer bushing 1" MPT x 3/4" SLIP (SCH 40)

### 3 & 4) Pipe Strap & Screws



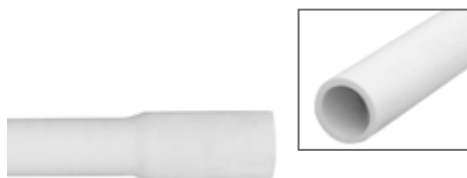
#60029 ..... Pipe strap 3/4"  
#80517 ..... #9 x 1 1/2" white screw

### 5) Tee with Fogger



#61025 ..... 3/4"  
#60304 ..... Yellow fogger tip only

### 6) PVC Pipe



#60342 ..... 20' x 3/4" (SCH 40)

### 7) Hog Slat Thermostat



1) #59600 ..... Thermostat  
2) #59600D ..... Digital Thermostat



### Fogger Line Pressure Release Valves



#52789 ..... Valve Drain 1/2" FPT Brass  
#DV-500 ..... Valve Drain Brass 1/2" MPT

#### ⚠ WARNING:

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### Full Flow Sprinkler

• 1/2" sprinkler features a full flow spinner suspended between two bearings for reliable performance. Rugged "C" frame design with a flow rate of 70 GPH at 25 PSI.



#61030A ..... Full Flow Sprinkler, 1/2"  
#60375 ..... 3/4" S x 3/4" S x 1/2" FPT Tee

### Soaker Systems & Parts

1) #56554 ..... Saddle clamp w/ shut off  
2) #NS30384-8 ..... Swivel  
3) #NS50595 ..... Nozzle caps w/o hole  
4) #56554 ..... Saddle clamp w/ shut off  
5) #60171 ..... Bushing reducing PVC 1/2" MPT x 1/4" FPT  
6) #WF1022 ..... Micro spray adapter  
7) #WF4070 ..... Adjust-a-flow 360° sprinkler emitter  
8) #610300 ..... Adjust-a-flow 180° sprinkler emitter  
N/S) #AN13115 ..... Var-Jet™ 90° sprinkler emitter

### Automated Pre-soaker

• Automate your pre-soak system to save time and water  
• 24 hour time clock allows you to pre-soak building to your wash schedule  
• Prewired panel for easy installation  
• Just plug it in



#590041 ..... Pre-soaker system

### Standard Flow Sprinkler

• Each sprinkler will cover a 20-ft x 20-ft. area (shown with optional tee, tee not included)



#61030 ..... Standard Flow Sprinkler, 1/2"  
#60375 ..... 3/4" S x 3/4" S x 1/2" FPT Tee



#ECS500 ..... Controller, 1" solenoid  
#UCS152-24V ..... 24 V, 1" solenoid  
3/4" SLIP & COMP fittings  
#EC102-NA ..... Cord w/12 V condor transformer



Smart Mode provides innovative, infinite-stage cooling. Interval time is automatically adjusted as the temperature changes. The interval time is the period of time when no showering occurs and the water is allowed to evaporate from the animals. As temperature increases, the interval time will decrease, thus giving animals more frequent shower cycles, to reduce heat stress. This provides exactly the right amount of cooling at any temperature while minimizing water usage.

#60282..... C-110S Edstrom Control

## Spray-Cool Electric Valve Filter Kit

- #60299**



- 24 vac • GHT fittings
- Filter • Reducer

**#60293**



**Cooling System Control provides an economical solution for controlling spraying or dripper systems. Assembled from common plumbing fittings and timer/thermostats on a PVC panel, field repairs can be accomplished without ordering special parts.**



**Comes pre-wired in NEMA enclosures:**

- Check Valve
- Pressure Regulator
- 110V Solenoid Valve
- Filter
- Single-Stage Thermostat
- Adjustable Timer with independent on/off knobs, 30 minutes with 1/2 minute increments.
- Power Cord
- Also available with 24 hour time clock

#HS729.....	Cooling System Control
#HS728.....	w/ 24 hour time clock



- |                         |  |
|-------------------------|--|
| 1) #60281.....          | Hose Drain                               |
| 2) #23204491110B.....   | 1 gph drip nozzles, bag of 20            |
| 3) #UCS05.....          | Mist Emitter, 5 GPH at 15 psi            |
| 4) #1610-0841.....      | 1/2" Tee                                 |
| 5) #60280.....          | 1/8" Drip Tube, 100' roll, 1 lb          |
| 6) #60266.....          | Barb Adapter Drip System, 1/2" x 1/2"    |
| 7) #60277.....          | Hole Punch                               |
| 8) #60268.....          | Loop Clamp, 30 per package               |
| 9) #60278.....          | 5/32" Goof Plug, Strip of 10 shown       |
| 10) #2320-3145-050..... | Nozzle Spray Tee, Assembly w/ .5 GPM Tip |
| 11) #60275.....         | 1/2" Blue Tube                           |
| 12) #1610-4496.....     | 5/32" Barbed Connector, 20 per package   |



### Booster Pumps

Rugged booster pumps features cast suction and discharge casting with a 304 heavy wall stainless steel pump shell. Powered by a single phase 115/230 volt motor with thermal overload.

#52704.....	1/3 Hp
#52705.....	1/2 Hp
#52707.....	3/4 Hp
#52706.....	1 Hp

**WARNING:** This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



### Fogger Bushing

#52797.....	1/2" x 1/8" Fogger Bushing
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### Fogger Tee

#603771.....	1/2" x 1/8" Fogger Tee
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### Fogger Nozzle with Adapter



#52783.....	3 GPH w/adapter
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### Fogger Nozzle with Adapter



#52781.....	1 GPH w/adapter
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### Plastic Fogger Nozzle



#603184.....	with screen 1/8" 2 GPH Plastic
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### Plastic Fogger Nozzle



#527801.....	with screen 1/8" 1 GPH Plastic
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### Tefen White Fogger Nozzle (only)



#PWP5N0780FWH.....	1.00 GPH @ 100PS no screen
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### Tefen Cream Fogger Nozzle (only)



#PWP5N21105C.....	1.97 GPH @ 100PS no screen
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### Tefen Blue Fogger Nozzle (only)



#PWP5N2180BL.....	1.7 GPH @ 100PS no screen
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### Tefen Nozzle Filter



#PWP5NSF-L.....	Stainless Steel 200 mesh w/Plastic Insert
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### Polypropylene Fogger Nozzle Filter



#PWP5NPF-L.....	polypropylene 160 mesh
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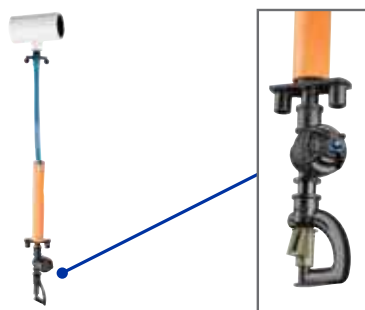
**Flexible management tool used to counter heat stress and improve the performance of tunnel ventilation systems.**



### Sprinkler Control Unit

Programmable unit automatically increases run time and frequency of the system operation.

#HSWS-01.....	Sprinkler Control Unit
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### Sprinkler Assembly

Low pressure (50 psi), rotating sprinkler assemblies cover approximately 450 square feet each and are available in different drop lengths to match varying building configurations.

#HSWS0540.....	22" drop w/spinner, valve & tee
#HSWS0545.....	30" drop w/spinner, valve & tee



### Manifold Station with AC controller and Valves

#HSWS0193.....	2 lines
#HSWS0202.....	4 Lines



### Sprinkler System Package (22" Drops)

Includes a controller, complete manifold, 2 sensors, and all drops. Does not include pvc supply line, fittings, or sensor wire. Must also include one data plug per farm.

Item#	Description	House Size
HSWS2ST-42	2 Station Manifold W/ 42 Drops	Up to 50'wide x 400' long
HSWS2ST-52	2 Station Manifold W/ 52 Drops	Up to 50'wide x 500' long
HSWS2ST-56	2 Station Manifold W/ 56 Drops	Up to 50'wide x 550' long
HSWS4ST-92	4 Station Manifold W/ 92 Drops	55' wide or more x 660' long





**Maintain water in troughs and tanks without floats, sensors, or electricity.**

• **WORKING WATER PRESSURE:**  
Minimum 7 psi and Maximum 50 psi

• **WATER TEMPERATURES:**  
Minimum 34°F and Maximum 104°F

#EV1 .....EuroValve without pipe  
#8153920500 .....1/2" x 48" SS pipe, no threads  
#8153930500 .....1/2" x 60" SS pipe, no threads



### Nipples and Barbs

1A) #P3M12 .....1/2" x 1/2" MPT nipple  
B) #P3M3412 .....1/2" x 3/4" MPT reducing nipple (not shown)  
2) #SD3 .....Nylon barb, 1/4"  
3) #SD3P-B\* .....Brass barb, nylon base, 1/4"  
4) #SD3P-B1/2\* .....Brass barb 1/2", nylon base  
5) #60306 .....1/2" MPT x 1/4" barb  
6) #60307 .....1/2" MPT x 1/2" barb

#### WARNING:

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### ASCO Solenoid Valves

#20107 .....3/4", 110V, 5-125 PSI, Normally Closed  
#20114 .....3/4", 220V, 5-125 PSI, Normally Closed  
#238210-032-D .....Coil for 20107 Solenoid  
#238210-058-D .....Coil for 20114 Solenoid  
#20166 .....3/4", 110V, 5-125 PSI, Normally Open

#### WARNING:

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### Brass and Stainless Steel Solenoids

Valves are designed to allow maximum flow rate under standard operating pressures. High-quality rubber diaphragm creates a tight seal with direct action valve. Operation Mode: Normally closed (N/C), valve opens when coil is energized. Voltage: 24V or 110V. Material: Solid Brass. Thread: 3/4" female NPT (inlet and outlet). Ambient Temperature: 15 to 125 degree Fahrenheit. Port: 3/4" NPT. Pressure Rating: up to 145 PSI. NSF: Certified.



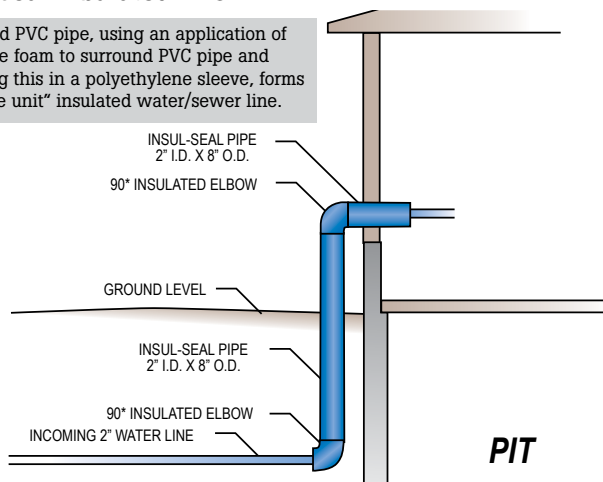
#PWPSB34110NC .....3/4 FNPT Brass Solenoid Valve 110V (Normally Closed)  
#PWPSB3424NC .....3/4 FNPT Brass Solenoid Valve 24V (Normally Closed)  
#PWSS34110NC .....3/4 FNPT Stainless Steel Solenoid Valve 110V (Normally Closed)  
#PWPSB34220NC .....3/4 FNPT Brass Solenoid Valve 220V (Normally Closed)

#### WARNING:

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### Insul-Seal Insulated PVC

Insulated PVC pipe, using an application of urethane foam to surround PVC pipe and encasing this in a polyethylene sleeve, forms a "single unit" insulated water/sewer line.



#IN-001 .....Pipe insulated Sch 40 2" x 10'  
#IN-002 .....2" insulated elbow, Sch 40 90°

### Pressure Gauge

• 1/4" NPT  
• 2" dial

#61042 .....0-15 psi  
#61038 .....0-30 psi  
#52759 .....0-100 psi  
#52854 .....0-200 psi  
#527593 .....0-300 psi



### Water Meter Coupling

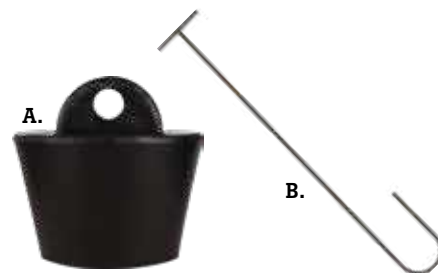
• Adapts water meter to standard 3/4" pipe threads

#H1021-6035 ....Water Meter Fitting Bronze 3/4" (sold each)  
#DI73WM059 .....Bronze Couplers 1" - Pair (2)



### Rubber Pit Plug and Plug Lift Hook

A) #79001 .....8-1/2" top, 6-1/2" bottom, fill with sand  
B) #790011 .....3/8" rod x 36" long, steel

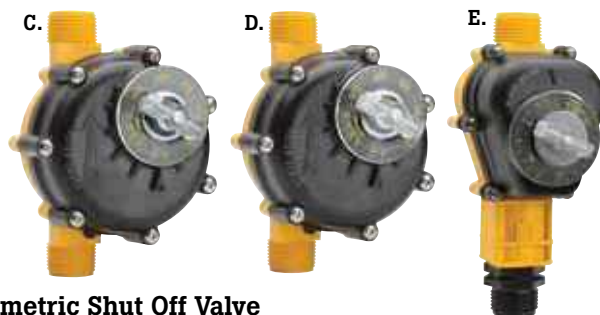


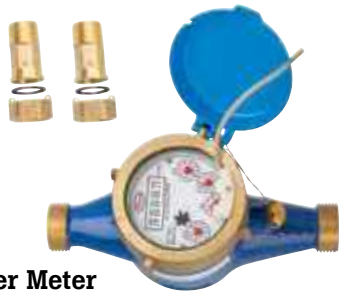
### Volumetric Shut Off Valve

Accurately delivers preset volume then automatically closes. Simple to install, no electricity. 3/4" MPT.

• Flow rate: Min-.35 to 6.61 Gpm  
• Working pressure: 7.25 to 145 PSI  
• Max temperature: 140° F

C) #DI73WM207 .....250 gal  
D) #DI73WM206 .....500 gal  
E) #DI73WM205 .....2,500 gal





### 3/4" Water Meter

This cold water meter is rated for 1/4 to 20 GPM flow rates. Includes 3/4" Male NPT coupling. Frost resistant bronze body with epoxy coating to avoid pinholes. Large pointer dial registers low flow rate by 1/10 of gallon. Pulse model equipped with 1 gallon pulse output fully compatible with most house ventilation controls. Tempered glass lens with plastic lid. Horizontal mount only.

#HSWMNP ..... 5/8" x 3/4" Water Meter  
#HSWMPLS ..... 5/8" x 3/4" Water Meter w/ Pulse  
#WM-ACC-RS ..... Reed Switch with lead wire

#### ⚠ WARNING:

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### Arad Sonata Ultrasonic 3/4" Digital Water Meter

The Sonata accurately measures extremely low volume and flow with no moving parts to ensure long lasting precision.

- Registers low volume at 0.05 GPM
- Supplies dual 1 & 10 pulse output
- Allows independent dual output connection
- Reliable, long lasting precision.
- Addresses extremely low volume and flow
- Leak detection can be enabled when paired with a Rotem controller

#DI73WMS01 ..... Plastic housing w/ 3/4" coupler

#### ⚠ WARNING:

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### 3/4" Totalizer Water Meter

Polypropylene water meter that reads water flow and transmits an electric pulse to house controllers or metering equipment. Complete with gaskets and couplers.

- Max Temp: 105° F
- Max Pressure: 150 psi
- Max Flow: 20 GPM
- Min Flow: .25 GPM
- Nominal Pipe Size: 3/4"

#WM34-1PPG ..... 1 Pulse Per 1 Gallon

#WM34-1PP10G ..... 1 Pulse Per 10 Gallons

#### ⚠ WARNING:

This product can expose you to chemicals, including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



### Poly Top Brass Pressure Valve

Automatically controls excessive water pressure to protect water systems components. Thermoplastic cage provides maximum corrosion resistance. Bottom clean out port allows access to seat disc and strainer.

- Max Supply Pressure: 400 psi
- Max Set Pressure: 125 psi
- 3/4" Threaded Connections

#36C10401 ..... Apollo Poly Top, 25-75 psi

#36C10402 ..... Apollo Poly Top, 10-35 psi

#### ⚠ WARNING:

This product can expose you to chemicals, including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



### Brass Water Pressure Reducer

Designed to reduce high inlet pressures to a workable lower outlet pressure. Balanced internal piston smooths out rapid pressure fluctuations.

- Cast bronze body w/ SS internal parts
- Max Water Temp.: 180°
- Max Water Pressure: 300 psi
- 3/4" Threaded Connections

#2102440 ..... Adjustable 25-75 psi

#634461 ..... Adjustable 0-50 psi (preset at 30)

#### ⚠ WARNING:

This product can expose you to chemicals, including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



### GrowerSELECT Pressure Regulator

The GrowerSELECT® regulator provides constant water flows even at low pressure settings to reduce water wastage. Rugged corrosion-proof housing is impervious to rust, corrosion and medications.

- Adjustable pressure setting.
- Includes sight gauge
- 3/4" MPT fittings
- Max 50 psi input pressure

#HS762 ..... 10-25 psi

#HS772 ..... 3-10 psi



### Maxiflo Pressure Regulator

Provides constant even flow of water with adjustable output. Also incorporates a check valve to prevent back flow.

- Max Water Temp.: 100°
- Max Water Pressure: 300 psi
- Inlet 1/2" BSP Outlet 3/4" MPT
- High impact plastic housing

#52787 ..... Maxiflo pressure regulator 6001 (1/4 to 3 psi)

#61037 ..... Maxiflo pressure regulator 6003 (1-1/2 to 13 psi)



### BadgerMeter

- Lead Free Cast bronze housing
- Operating range 1/2 to 25gpm
- Sealed thermoplastic measuring chamber w/disc meter
- Couplings shown are not included
- Horizontal mount only

#BADGERMETER ..... Badger Meter



### Universal Pressure Regulator

Corrosion resistant poly and fiberglass body with synthetic valve components.

- 5-60 PSI adjustable pressure range
- 1" NPT inlet and outlet
- 4.5 to 60 psi adjustment knob
- Horizontal or vertical installation
- Optional pressure gauge

#DI2205950A ..... no gauge

#DI2205950K ..... w/ gauge

### 4-Way

(slip x slip x slip x slip)

#60366	1/2"
#60367	3/4"
#60368	1"
#60369	1-1/4"
#60370	1-1/2"
#60371	2"

### Coupling

(slip x slip)

#60015	1/2"
#60025	3/4"
#60035	1"
#60045	1-1/4"
#60055	1-1/2"
#60065	2"
#60075	3"

### Tee

(slip x slip x slip)

#60010	1/2"
#60020	3/4"
#60030	1"
#60040	1-1/4"
#60050	1-1/2"
#60060	2"
#60070	3"

### Tee

(slip x slip x fpt)

#60011	1/2"
#60021	3/4"
#60031	1"
#60041	1-1/4"
#60051	1-1/2"
#60061	2"
#600701	3"

### 90° Elbow

(slip x slip)

#60012	1/2"
#60022	3/4"
#60032	1"
#60042	1-1/4"
#60052	1-1/2"
#60062	2"
#60072	3"

### 45° Elbow

(slip x slip)

#60013	1/2"
#60023	3/4"
#60033	1"
#60043	1-1/4"
#60053	1-1/2"
#60063	2"
#60073	3"

### End Cap

#60018	1/2"
#60028	3/4"
#60038	1"
#60048	1-1/4"
#60058	1-1/2"
#60068	2"
#60078	3"

### Ball Valve

(slip x slip)

#60215	1/2"
#602160	3/4"
#602170	1"
#602180	1-1/4"
#602190	1-1/2"
#602201	2"
#60258	3"

### Male Adapter

(slip x mpt)

#60017	1/2"
#60027	3/4"
#60037	1"
#60047	1-1/4"
#60057	1-1/2"
#60067	2"
#60071	3"
#60412	3/4" PVC Slip to 3/4" male hose thread fitting

### Female Adapter

(slip x fpt)

#60016	1/2"
#60026	3/4"
#60036	1"
#60046	1-1/4"
#60056	1-1/2"
#60066	2"
#60076	3"

### In-line Check Valve

#602166	3/4" valve, SxS
#60403	2"
#527458	1-1/2" for Cool Cell

### Reducing Tee

(slip x slip x slip)

#600301	1" x 1" x 3/4"
#600511	1-1/2" x 1-1/2" x 3/4"

### Barb Tee

(slip x slip x barb)

#600211	3/4" x 3/4" x 3/4"
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### 20' SCH 40 PVC

#60341	1/2"
#60342	3/4"
#60343	1"
#603461	1-1/2"
#60348	2"
#60351	3"

### Pipe Strap

#60019	1/2" PVC
#60029	3/4" PVC
#60039	1" PVC
#60059	1-1/2" PVC
#60069	2" PVC
#60079	3" GALV

### PVC Pipe Cutter

• Cuts up to 1-1/4" pipe

#PW8-PCT158MH	metal handle
#PW8-PCT158RH	rubber handle

**⚠ WARNING:**  
This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

### Primer & Glue Multi Pack

#16810145	Primer/Glue Multi Pack, 4 oz
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#### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

### Oatey Rain R Shine PVC Cement

#30890	4 oz.
#30891	8 oz.
#16813594	16 oz.
#30894	32 oz.

#### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

### PVC Cement

- Clear
- Heavy bodied for PVC

#602445	8 oz. can
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#### ⚠ WARNING:

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### Pipe Cleaner

- Clear
- CP VC, PVC or ABS

#602446	PVC Cleaner, Rectorseal Clear 8 oz SAM CL-3L Low VOC
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#### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

### Polar Weld

- All temperature PVC cement
- Remains liquid even at low temperatures

#602455	Polar Weld, 1 quart
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#### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

### Hot Glue for PVC

#602451	Rectorseal Hot Blue Pint
#602462	Rectorseal Hot Blue Quart

#### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

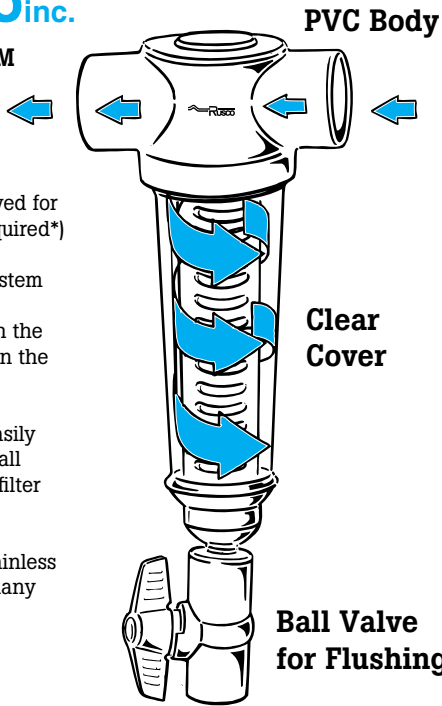




## SPIN-DOWN™ Sediment Filters

- Clear Cover is easily removed for total cleaning (No tools required\*)
- Flow capacity for entire system
- Sediment is visible through the clear cover indicating when the filter needs cleaning
- Sediment is quickly and easily removed by opening the ball valve at the bottom of the filter cover
- Reusable polyester and stainless steel element screens in many mesh sizes
- No down time

\*Using tools voids warranty



## Rusco Spin-Down® Filters, L-Style

Includes polyester screen.  
Ball valve (602151) sold separately.

Item#	Port Size (slip)	Mesh	Flow/gpm
61008-24L	1-1/2"	24	10-50

### Replacement 1-1/2" cartridges, polyester screen

#60110L	60 mesh
#610086L	100 mesh
#610083L	140 mesh
#601100L	250 mesh

### Replacement housing & O-ring

#60112L	1-1/2" O-ring
#610088L	1-1/2" clear housing



## Rusco Sun-Shield

Black sun-shield for Rusco™ 1-1/2" Spin-Down filter housings. Slips over filter housing to prevent sun damage and the formation of algae. Black neoprene construction.

#SS1-5..... Rusco Sun-Shield



## 1/2" Threaded Ball Valve

Replacement ball valve for flushing Spin-Down filters.

#602151 ..... 1/2" Threaded Ball Valve



## Rusco Spin-Down® Filters, T-Style

Incoming water swirls around the filter housing, flows through the screen center, and out the discharge port. Heavier sediment drops to the bottom and is easily flushed out by opening the ball valve. Includes Filter with cartridge screen and ball valve.



Item#	Port Size (slip)	Mesh	Flow/gpm
61007	1"	60	1-25
61008	1-1/2"	60	10-50
610085	1-1/2"	12	10-50
61009	2"	100	18-100



## Rusco Spin-Down® Replacement Cartridges, Filter Housings & O-Rings

### 1" Cartridge

#60107	60 Mesh, Polyester Screen
#601071	100 Mesh, Polyester Screen
#610082	140 Mesh, Polyester Screen
#601072	250 Mesh, Polyester Screen
#601074	500 Mesh, Polyester Screen

### 1-1/2" Cartridge

#60110	60 Mesh, Polyester Screen
#610086	100 Mesh, Polyester Screen
#610083	140 Mesh, Polyester Screen
#601100	250 Mesh, Polyester Screen

### 2" Cartridge

#60123	60 Mesh, Polyester Screen
#601231	100 Mesh, Polyester Screen
#610232	140 Mesh, Polyester Screen
#610092	250 Mesh, Polyester Screen

### Filter Housing

#60104	1"
#60109	1-1/2"
#60121	2"

### Housing O-ring

#60108	1"
#60112	1-1/2"
#60125	2"

## MESH SIZE TO MICRON CHART

Mesh	Microns	Typical Material Removed
60	250	Fine Sand
100	150	Sediment
200	74	Rust Flakes
325	44	Clay particles
400	37	Silt

## Boshart® Water Filter Housing

Constructed of FDA grade polypropylene cap with clear acrylic styrene housing..

- Dimensions: 11.8"H x 4.72"W
- 3/4" Inlet/Outlet
- Max Temp: 125°F
- Max Pressure: 125 psi

#603598 ..... Housing only. No filter included



## Filter Housings

Polypropylene housing with black cap and pressure release valve. Leak-proof seal with top-seated Buna O-ring. Max pressure 125 psi.



Item#	Port Size (NPT)	Housing Size	Body Color
PWP3-25SHC1034H	3/4"	2.5" x 10"	Clear
PWP3-45JHB1010H	1-1/2"	4.5" x 10"	Blue



## Pleated Cartridges

Item#	Size	Material	Micron
PWP2-251020-PP	2-3/8" x 10"	Polyester	20
603601	2.5" x 9-7/8"	Polyester	20
PWP2-451050-PP	4.5" x 10"	Polyester	50

## String Wound Cartridges

Item#	Size	Material	Micron
PWP2-251020-SW	2-3/8" x 10"	Polypropylene	20
EP20X9-78P	2-3/8" x 9.78"	Polypropylene	20
603602	2.5" x 10"	Polypropylene	5
601014	2.5" x 10"	Polypropylene	10
HS60360	2.5" x 9.75"	Polypropylene	20
60360	2.5" x 10"	Polypropylene	20
601015	2.5" x 10"	Polypropylene	30
TSWR1952	4" x 10"	Polypropylene	20
603603	4.5" x 10"	Polypropylene	20
PWP2-451020-SW	4.5" x 10"	Polypropylene	20
EP50X9-78P	4.5" x 9.78"	Polypropylene	50

## Spun Filter

Item#	Size	Material	Micron
603600	2.5" x 10"	Polypropylene	50



## Big Bubba® Non-Metallic Filter Housings

The Big-Bubba filter housings are made of rugged glass-reinforced polypropylene so they will not chip, rust, or dent. Big-Bubba filters have two outlets (2" slip) on opposite sides to allow more flexibility with piping configurations. Overall height is 40" with a 12" width. Maximum flow rate is 150 gpm with maximum working pressure of 125 psi.

#HE7100301 ..... Big Bubba Jumbo Water Filter Cartridge Housing Only  
#HE7100305 ..... Filter Pleated 20 Micron for Big Bubba Filter



## Ozark Filter Housing

Head is constructed of fill polypropylene with a clear acrylic housing.

- Dimensions: 13-5/8" high x 5-1/2" wide
- 3/4" NPT inlet/outlet ports
- Max Temp.: 125°
- Max Pressure: 125 psi
- Uses 2.5" Dia. by 9-3/4" to 10" long cartridges with flow rates from 1 to 10 gpm

#3MBPI-1C ..... Ozark Filter Housing (no filter)



## Filter Wrench

#3MWRENCH... For Ozark & standard 2-1/2" housing  
#TS106415..... For 4" Blue housing  
#Z783 ..... Ziggity blue housing



## Banjo Y Strainer Filter

Fiberglass reinforced poly housing with female NPT ports. Stainless steel screen with clean out plug. Max 150 PSI.

#LS075-20 ..... 3/4" w/ 20 mesh  
#LS150-50 ..... 1-1/2" w/ 50 mesh  
#LS150-12 ..... 1-1/2", 12 mesh  
#LS200-30 ..... 2" w/ 30 mesh  
#LS141-G ..... O-ring for end of screen  
#LS150-G ..... 3-1/2" O-ring  
#LS220 ..... 20 mesh screen  
#LS230 ..... 30 mesh screen

## Rotomax Nozzle

Rotating head delivers a powerful blast to make short work out of your toughest cleaning jobs. The best rotating nozzle on the market.

- Adjustable fan pattern, can lock down to 0°
- Lighter weight - Less fatigue
- Ceramic nozzle protected by plastic outer shield
- Repair kit is half cost; Less expensive to rebuild
- 9.6 oz.



Item#	Color	Pressure Range	Flow Range	Size
#799114	RED	1300-2000 PSI	2.1-2.6 GPM	4.5
#799115	BLUE	1450-3500 PSI	2.9-4.06 GPM	5.5
#799116	BLACK	1450-3500 PSI	4.2-5.5 GPM	6.5
#725917	Repair Kit, replacement washers, seals and tips			

### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Spray Gun Lances

- 1/4" MNPT



- 1) #LG36ZH..... 1/4" x 36", 4000 PSI, Zinc plated w/ grip & side handle  
2a) #SA07000470..... 1/4" x 36", 6000 PSI, Zinc plated w/ grip  
2b) #LG36SS..... 1/4" x 36", 4000 PSI, Stainless Steel, w/ grip  
3) #LG18FLEX..... 1/2" x 18", 2000 PSI, Zinc plated, Flexible grip  
4) #LG90HNDL..... Adjustable grip for lance

### WARNING:

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## Premium High-Pressure Hose

3/8" double braid hose with NPT fittings and bend restrictors. 6000 PSI and 250 degree maximum temperature. Fittings included.



- #HFH6000-10..... 3/8" x 10'  
#HFH6000-40QC..... 3/8" x 40' 5800 Msc, Quick Connects  
#HFH6000-50..... 3/8" x 50'  
#HFH6000-75..... 3/8" x 75'  
#HFH6000-100..... 3/8" x 100'

### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## 5-Pack High Pressure Spray Tips

Kit includes five different tips. 0 for cutting, 15 for chiseling, 25 for flushing, 40 for washing and a chemical nozzle.

- #97331..... 5-Pack High Pressure Spray Tips

### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Pressure Washer Gun

- 3/8 FMPT inlet x 1.4" FMPT outlet
- 5000 PSI maximum
- 10 GPM
- 300° maximum temperature
- Stainless steel valve components

- #LG5000..... Giant Gun Jet

### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## "Easy Pull" Trigger Spray

- 3/8" FMPT inlet x 1" FMPT outlet
- 5000 PSI maximum
- 12 gallon minimum
- 300° maximum temperature
- Stainless steel valve components

- #SA202305600..... Easy Pull Trigger Spray

### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## DIRT KILLER

### Dirt Killer Nozzles

The Industrial Dirt Killer (IDK) features a slower spinning turbine that creates a larger water droplet with greater impact making it an outstanding choice for cleaning concrete and steel. Rebuilding the IDK nozzles is easy with the rebuild kit which includes all the internal parts necessary to make it like new. Rated use at 4700 PSI and 180° water temperature with 1/4" male threads. The Dirt Killer (DK, part# DK97410713) has high speed rotating turbine which delivers the punch of a 0° nozzle with the coverage of a 25° fan. This effectively gives it 10 times the cleaning power of a standard flat tip nozzle. Rated at 3200 PSI and 180° water temperature with 1/4" female threads.



### NOZZLES

- #DK97410711..... Nozzle Dirt Killer 8.0 IDK Red  
#DK97410712..... Nozzle Dirt Killer 5.5 IDK Black  
#DK97410713..... Nozzle Dirt Killer 4.5 DK Yellow  
#DK97410714..... Nozzle Dirt Killer 5.5 DK Black  
#DK97410715..... Nozzle Dirt Killer 7.0 IDK Blue  
#DK97410717..... Nozzle Dirt Killer 10.0 IDK Brown  
#DK97410718..... Nozzle Dirt Killer 4.5 IDK Yellow Or Green

### REPAIR KITS

- #DK9741097..... Nozzle Dirt Killer Replacement Kit 4.5 DK  
#DK97410971..... Nozzle Dirt Killer Replacement Kit 5.5 IDK Black  
#DK97410972..... Nozzle Dirt Killer Replacement Kit 7.0 IDK Blue  
#DK97410973..... Nozzle Dirt Killer Replacement Kit 8.0 IDK Red  
#DK97410975..... Nozzle Dirt Killer Replacement Kit 10.0 IDK Brown  
#DK97410976..... Nozzle Dirt Killer Replacement Kit 4.5 IDK Yellow  
#DK97410978..... Nozzle Dirt Killer Replacement Kit 5.5 DK Black

### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Standard Nozzle

- Harden Stainless Steel construction
- 1/4" NPT
- 15° flat spray pattern
- gpm @ 3000 psi

- #5330090..... 1512 tip, #12 orifice, 6.93 gpm  
#5330088..... 1508 tip, #08 orifice, 10.93 gpm  
#5330092..... 1530 tip, #30 orifice, 25.98 gpm  
#5330093..... 1560 tip, #60 orifice, 51.96 gpm

### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## High-Pressure Nozzle Filter

- Recommended for use with rotating nozzles
- Male plug not included

- #799602..... 1/4" MPT x 1/4" FPT

### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)





## Coupling



#60095..... 1/2" - SCH 80  
#609660..... 3/4" - SCH 80

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Steel Union



#60097..... 1/2" - SCH 80  
#60977..... 3/4" - SCH 80

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## 45° Elbow



#60093..... 1/2" - SCH 80  
#600931..... 3/4" - SCH 80

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## 90° Elbow



#60092..... 1/2" - SCH 80  
#609772..... 3/4" - SCH 80

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Pipe

- Threaded (31 lbs.)



#60337..... 1/2" x 21' - SCH 80  
#600907..... 3/4" x 21' - SCH 80

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Nipples



#60098..... 1/2" x 6" - SCH 80  
#600905..... 3/4" x 6" - SCH 80

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Reducing Tee



#609722..... 3/4" x 3/4" x 1/2" - SCH 80  
#609533..... 1" x 1" x 1/2" - SCH 80

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Steel Tee



#60090..... 1/2" - SCH 80

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## High-Pressure Valves

- 3000 psi - 2 lbs.
- 2000 psi - 13.6 oz.



#APOLLO..... 1/2" - 3000 PSI  
#60241..... 1/2" - 2000 PSI  
#600906..... 3/4" - 2000 PSI

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Reducer



#1059..... 1/2" - 3/8" - SCH80

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Conduit Hanger



#10394..... 1/2" - Galvanized 270

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## High Pressure Brass Couplers

- 4000 psi - 200° F



#728803..... 1/4", Female  
#5930066..... 3/8", Female  
#728811..... 1/2", Female  
#728804..... 1/4", Male  
#728808..... 3/8", Male  
#728812..... 1/2", Male

### ⚠ WARNING:

This product can expose you to chemicals, including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## High Pressure Female Nipple

- Nipple x Female pipe
- 4000 psi - 200° F



#728825..... 1/4" - Steel  
#728831..... 3/8" - Steel  
#728837..... 1/2" - Steel  
#728821..... 1/4" - Brass  
#728827..... 3/8" - Brass  
#728833..... 1/2" - Brass  
#728826..... 1/4" - Stainless  
#728832..... 3/8" - Stainless

### ⚠ WARNING:

This product can expose you to chemicals, including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Plug Male

- Nipple x Male thread
- 4000 psi - 200° F



#728823..... 1/4" - Steel  
#728835..... 1/2" - Steel  
#728822..... 1/4" - Brass  
#728828..... 3/8" - Brass  
#728824..... 1/4" - Stainless  
#728830..... 3/8" - Stainless

### ⚠ WARNING:

This product can expose you to chemicals, including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## 4-Way Cross



#60096..... 1/2" SCH 80

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Rectorseal Thread Sealant #5 Yellow



#60248..... #5 Multi-purpose 16 oz

### ⚠ WARNING:

This product can expose you to chemicals, including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Rectorseal Thread Sealant T Plus 2



#602481..... w/PTFE Teflon 16 oz White

### ⚠ WARNING:

This product can expose you to chemicals, including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Rectorseal Thread Sealant Millrose Blue Monster



#602491..... w/PTFE Teflon 16oz Pint

### ⚠ WARNING:

This product can expose you to chemicals, including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## Stennicator Pump

Compact electrical unit accepts a pulse from a dry contact water meter and injects directly into the water line. Unaffected by water quality, scale or solids. Stock solution does not contact any moving parts. Includes 10' cord.

- Flow range: 2.7 Ounces per Minute
- Flow ratio: Fixed 1:128
- Pressure: Up to 80 psi
- Size: 5.4" x 4.4" x 5.9"

#E20MH81S..... Stennicator Pump, 1:128 Ratio



## Econ Integrator Digital Pump

This unit is an adjustable version of the popular Stennicator pump and is activated by a dry contact water meter with an output relay to monitor water consumption. It can be used with an existing water meter used with house controllers. Eliminates dilution of liquid chemicals such as hydrogen peroxide, chlorine and acids. Includes 10' power cord.

- Flow range - .5 to 30 gpd
- Available as 4.5, 16 and 30 gallons per day units
- Adjustable in 1% increments
- Size: 5.4" x 4.4" x 5.9"

#E20RHF81S..... 4.5 gpd  
#E20RHG81S..... 16 gpd  
#E20RHH81S..... 30 gpd



## STENNER PUMPS

### Classic Single Head Adjustable Pump

Electromechanical, versatile, self-priming pump.

#### 45MHP10 Model

- Output: 0.5 to 10.0 GPD
- Output Adjustment: 20:1, 1% increments
- Pressure: To 100 psi
- Size: 10.6" x 5.3" x 6.0"

#45MJH2A1S..... 45MHP10 model-Single head adjustable



### Stenner Chlorine Pump

- 120V
- Adjustable from 5% to 100% in 2.5" increments
- Max output 17 gallons per days

#85MJH2A1S..... Stenner Chlorine Pump



### Classic Tube Kit (2/pack) High Pressure

- Includes Duckbill

#UCCP1FD..... Tube Kit #1, 3 gpd  
#UCCP2FD..... Tube Kit #2, 10 gpd  
#UCCP7FD..... Tube Kit #7, 40 gpd

### Stennicator and Integrator Tube Kit

#EC30F-2..... Integrator Pump F tube / 4.5 gpd  
#EC30G-2..... Integrator Pump G tube / 16 gpd  
#EC30H-2..... Stennicator Pump and Integrator Pump H tube / 30 gpd



### Suction/Discharge Tubing

- 20' rolls

#AK4002B..... 1/4", UV black  
#MALTO2B..... 3/8", UV black  
#SPMALT002..... 3/8" white



### Check Valve Duckbill (2/pack)

#UCCVDBO..... Check Valve Duckbill



### Roller Assembly

#SEC350..... Integrator white (F tube/ 4/5 gpd)  
#EC351..... Stennicator and Integrator, black (G tube/ 16 gpd & H tube/ 30 gpd)



### Classic Series Feed Rate Control Service Kit

- For classic single head adjustable pump

#SFSK1..... FRC kit

### 1/4" Injection Check Valve

#UCDBINJ..... 1/4" Injection Check Valve



### 1/4" Flow Indicator with Bracket

Visual reference to confirm solution is pumping; bracket (not shown) secures vertical installation.

#AK600..... 1/4" Flow Indicator with Bracket



A true 11 GPM electric medicator not affected by water quality. Pump receives electric pulse from a water meter to automatically adjust injection rates to changing water flows.

- Fixed 1:128 ration
- PVDF solenoid head for enhanced chemical resistance
- Self-priming pump head with manual air bleed for fast priming doesn't lose its prime during operation
- Alarm to detect and notify of suction or discharge interruption when bucket is empty
- Single piece, chemical resistant Teflon® (PTFE) diaphragm design
- PVDF solenoid head for enhanced chemical resistance
- IP65 acid resistant housing
- 120V, 60 Hz power

1)  
#E128 ..... Etatron metering pump

### Pump Head

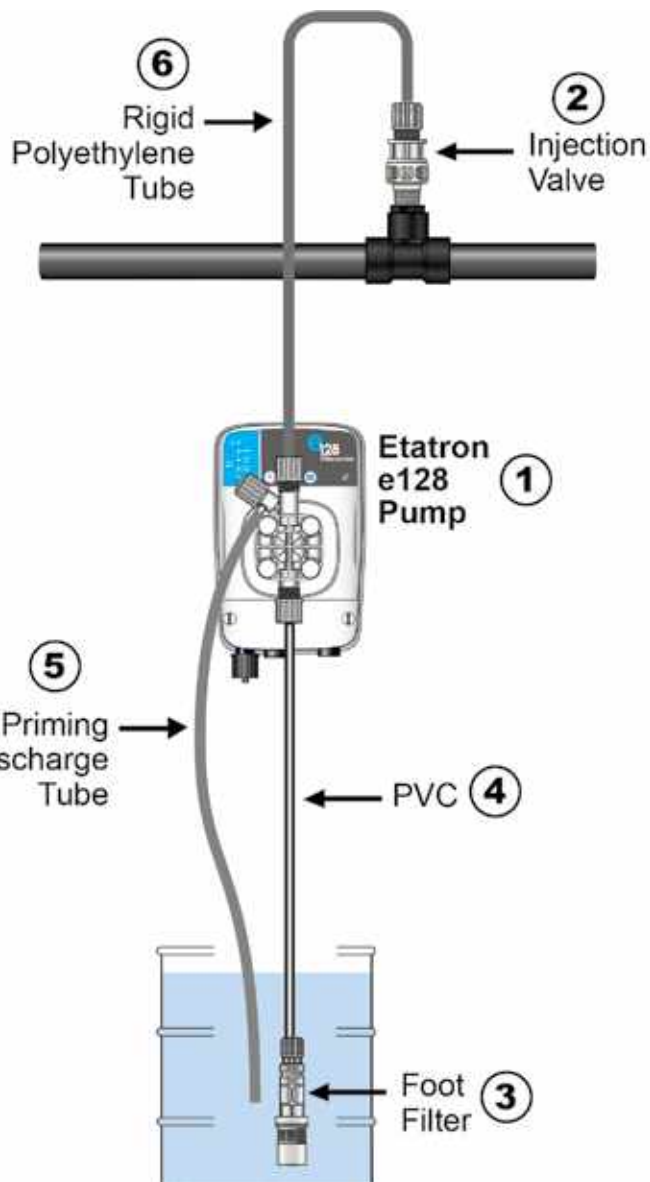
#SCP8006871 ..... Pump head

2)  
#SVA0834023 ..... Injection valve  
#KRA0007021-1 ..... Injection and foot filter valve kit

3)  
#SFT0832021 ..... Foot filter  
#KRA0007021-1 ..... Injection and foot filter valve kit

### Replacement Tubing/per foot

4) #ATU0004202-1 ..... PVC 6x8 mm suction tube  
5) #DUT0000006-1 ..... 4x6 mm priming tube  
6) #ATU0000603-1 ..... PE 6x8 mm discharge tube

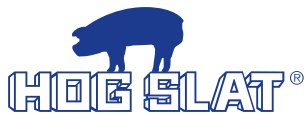


### Replacement Tubing Kit

- Injection valve and foot filter
- 6 x 8 mm PVC and polyethylene tubing

#SCO0031021 ..... Replacement tubing kit





# Medicator



Scan for YouTube  
DIY maintenance video

## DPLH128 Medicator

Connection Size: 3/4" NPT

Unit Weight: 3 lbs

Dimensions: 11.25" x 6.5"

Operating Flow: 1/3 Pint/Min to 11 GPM

Pressure: 4.3 to 85 PSI

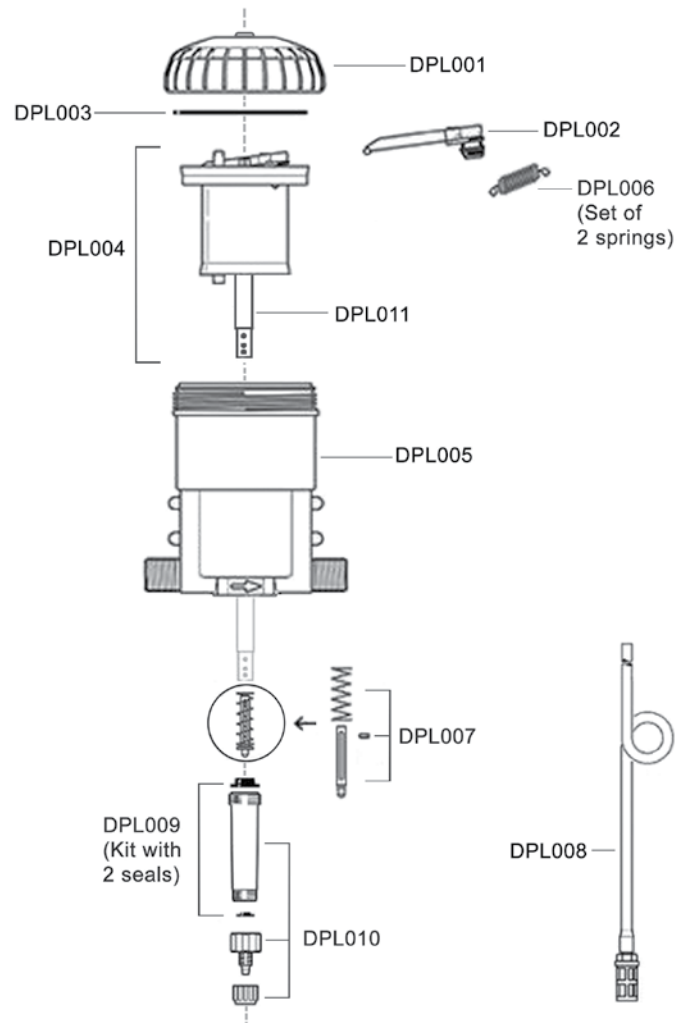
Ratio: 1:128

Dilution Rate: 1 oz/gal

Maximum Temperature: 104°F

Accessories: Clear suction tube, mounting bracket, weighted strainer,  
quick start guide

#DPLH128 ..... DPLH128 Medicator



## DPLH128 Replacement Parts

#DPL001	Lid, Black
#DPL002	Wishbone for DPLH128 Medicator
#DPL003	O-Ring Top for DPLH128 Medicator
#DPL004	Assembly Piston Assy And Plunger
#DPL005	Body, Black
#DPL006	Spring (2) DPLH128 Medicator
#DPL007	Kit With Sleeve Valve Spring And Pin
#DPL008	Assembly Suction Hose
#DPL009	Kit With Top And Bottom Seals
#DPL010	Kit With Black Stem Barb And Hose Nut
#DPL011	Plunger for DPLH128 Medicator



## Assembly Suction Hose

#DPL008



## Kit with Sleeve, Valve Spring and Pin

#DPL007

### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## Kit with Top and Bottom Seals

#DPL009



## Kit with Black Stem Barb and Hose Nut

#DPL010



## D128R Mediator

The original flat top mediator; the producers choice for over 35 years. Features adjustable ratios of 1:200, 1:128 or 1:100 that can be changed by simply moving a pin.

- Flow range: .09 GPM to 7 GPM
- Preset at one oz. per gallon, 1:128
- 7 to 70 PSI
- Size: 13" x 6-1/4"

#52900.....D128R Mediator

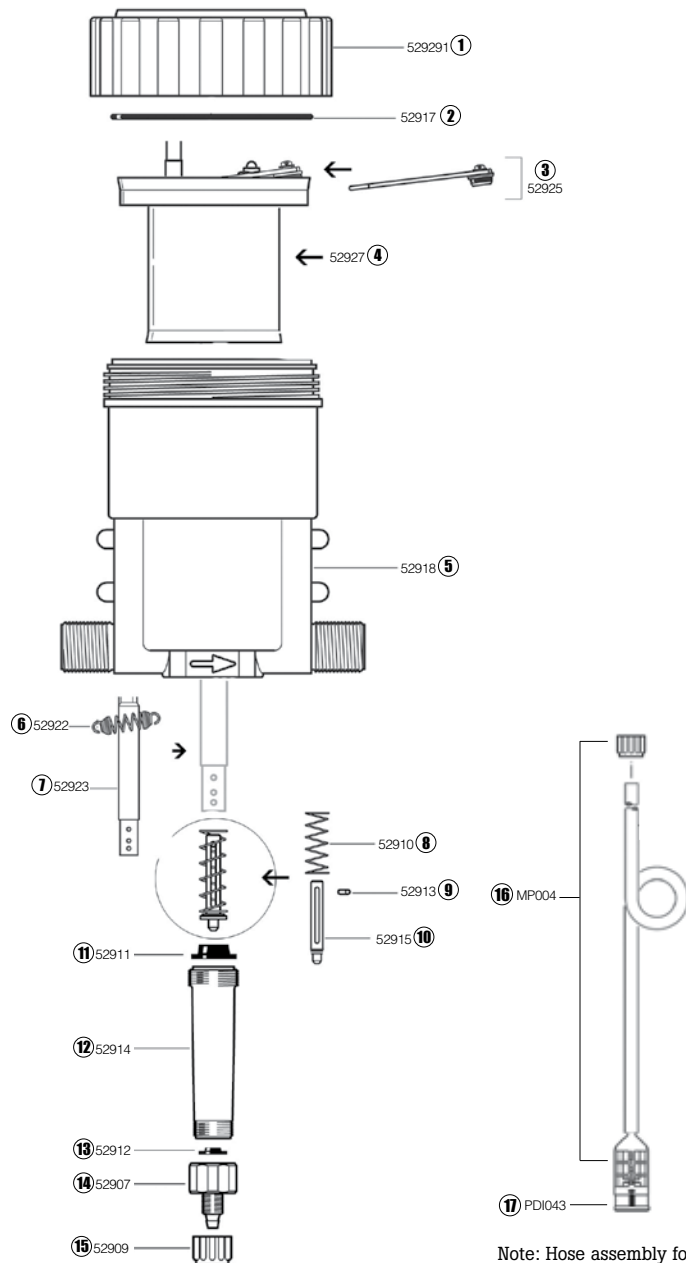
## D128R Rebuild Kit

#MKD128R.....Rebuild kit



### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



Note: Hose assembly for D128R, D25F & D25RE2

## D128R Replacement Parts

- |             |   |
|-------------|---|
| 1) #529291  | Cap   |
| 2) #52917   | Cap O-ring                                  |
| 3) #52925   | Wishbone Spring Assembly                    |
| 4) #52927   | Piston Shell                                |
| 5) #52918   | Body  |
| 6) #52922   | Actuator Spring                             |
| 7) #52923   | Plunger                                     |
| 8) #52910   | Slide Valve Spring                          |
| 9) #52913   | Slide Valve Pin                             |
| 10) #52915  | Slide Valve                                 |
| 11) #52911  | Top Seal                                    |
| 12) #52914  | Stem  |
| 13) #52912  | Bottom Seal                                 |
| 14) #52907  | Stem Cap                                    |
| 15) #52909  | Suction Hose Nut                            |
| 16) #MP004  | Hose assy, 1/4" dia, D128R, D25F, D25RE2    |
| 17) #PD1043 | Strainer for 1/4" hose, D128R, D25F, D25RE2 |



14 GPM



20 GPM



11 GPM



### D14MZ2 Medicator

Versatile unit capable of delivering 14 GPM for larger houses. Features exterior adjustable sleeve to allow you to quickly change ratios from 1:500 to 1:50.

- Flow range: .05 GPM - 14 GPM
- Adjustable ratio: 1:500 to 1:50
- Percentage: .2 to 2%
- Pressure: 4.3 to 85 PSI
- Size: 19-1/8" x 6-5/16"
- 3/4" NPT inlet/outlet

#D14MZ2VF11..... D14MZ2 Medicator



### D45RE15 Medicator

A high volume unit with 20 GPM. Designed for use with multiple house sites. Adjustable exterior sleeve for regulating ratios from 1:500 to 1:66.

- Flow range: .4 GPM - 20 GPM
- Adjustable ratio: 1:500 to 1:66
- Percentage: .2 to 1.5%
- Pressure: 7 to 70 PSI
- Size: 24" x 7.5"
- 1" NPT inlet/outlet

#D45RE15..... D45RE15 Medicator



### D25RE5 Medicator

High dilution range (1% to 5%) enables a single unit to handle medication, vaccination and line cleaning duties. Exterior adjustment sleeve allows quick adjustment of ratios.

- Flow Range: .05 to 11 GPM
- Adjustable ratio: 1:100 to 1:20
- Percentage: 1% to 5%
- Pressure: 4.3 to 85 PSI
- Size: 14" x 6-1/4"
- 3/4" NPT inlet/outlet

#D25RE5..... D25RE5 Medicator

## Dosatron Repair Kits

### D14MZ2 Rebuild Kit

#MKD14MZ2VF..... rebuild kit



### D25RE5 Replacement Seal Kit

#PJ119VF..... seal kit



### D45RE15 Replacement Seal Kit

#PJ096VF..... seal kit



### D14MZ2 Replacement Seal Kit

#PJDI116VF..... seal kit



### D40MZ2/D8RE2 Mini Maintenance Kit

#PJDI120VMINI-H..... mini kit

**WARNING:**  
This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



### D45RE15 Mini Maintenance Kit

#PJ096MINI-H..... mini kit



### D14MZ2 Mini Maintenance Kit

#PJDI116MINI-H..... mini kit

**WARNING:**  
This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



### D40MZ2/D8RE2 Replacement Seal Kit

#PJDI120VVF..... seal kit



### D40MZ2/D8RE2 Piston Maintenance Kit

#PPDI065..... piston kit



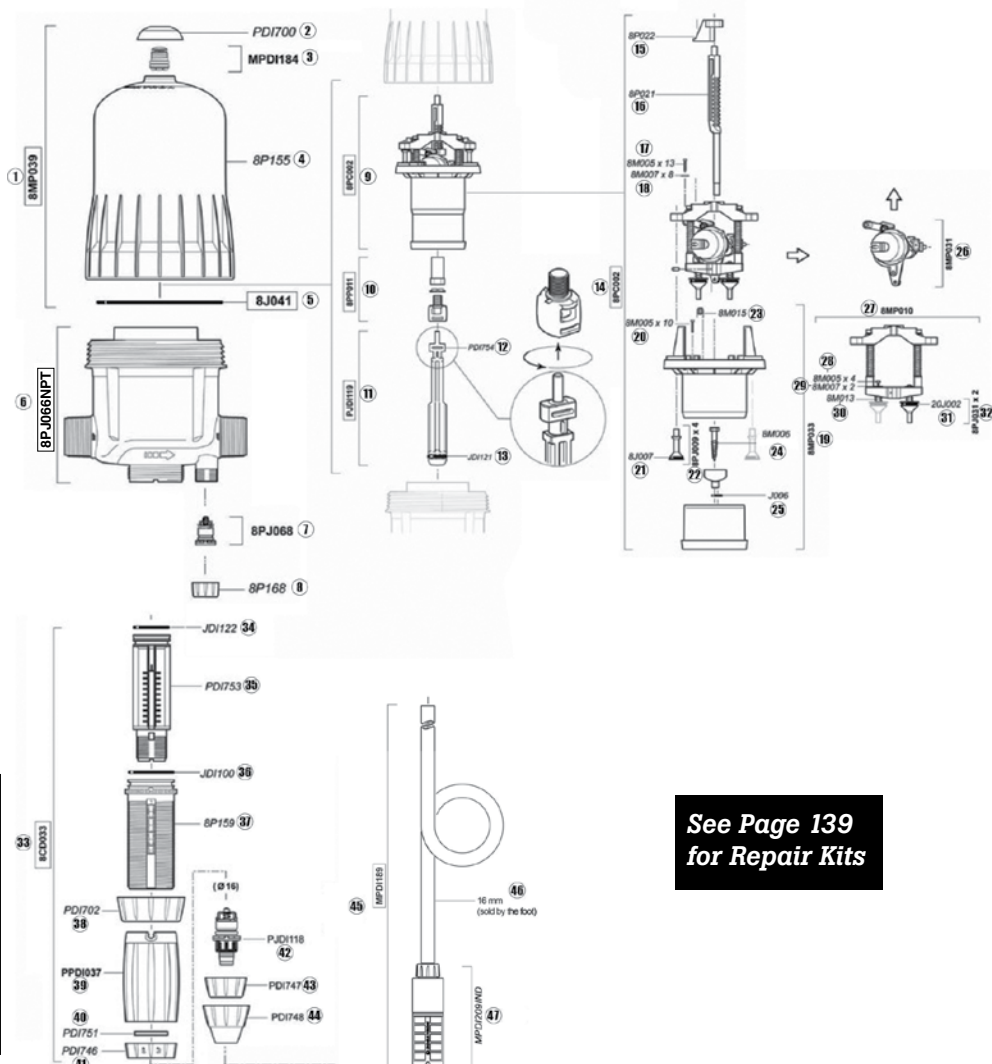




## D8RE2 Medicator

*The D8RE2 is no longer available and has been replaced by the D40MZ2.*

*Repair and replacement parts for the D8RE2 are available.*



**See Page 139  
for Repair Kits**

## D8RE2 Replacement Parts

1) #8MP039.....	Bell housing assy. w/air bleed O-ring	27) #8MP010.....	Valve bearing sun assy.
2) #PDI700.....	Air bleed cap	30) #8M013.....	Spring
3) #MPDI184.....	Air bleed	31) #20J002VF.....	O-ring seal
4) #8P155.....	D8RE2 Bell housing -New model	32) #8PJ031.....	Lower valve assy. for piston + seal EP
5) #8J041.....	Bell housing O-ring	33) #8CD033VF.....	Complete injection assy. VF
6) #8PJ066NPT.....	Equipped pump body sub assy. w/diffuser US version	34) #JDI122VF.....	Injection stem O-ring Seal VF
7) #8PJ068VF.....	Sub-assy vacuum breaker	35) #PDI753.....	Injection stem
8) #8P168.....	Nut	36) #JDI100VF.....	Sleeve O-ring VF
9) #8PC002.....	Rack guide	37) #8P159.....	Graduated injection sleeve
10) #8PP011.....	Sub assy. piston fastening adapter	38) #PDI702.....	Injection stem nut
11) #PJDI119VF.....	Plunger piston sub-assy. + seal VF	39) #PPDI037.....	Adjusting ring w/eyelet
12) #PDI754.....	Plunger	40) #PDI751.....	Anti-rotation ring
13) #JDI121VF.....	Plunger seal VF	41) #PDI746.....	Blocking ring
14) #8PC002.....	Motor sub-assy. without plunger rod	42) #PJDI118VF.....	Suction valve sub-assy. VF
15) #8P022.....	Rack guide	43) #PDI747.....	Suction valve nut
16) #8P021.....	Rod with rack	44) #PDI748.....	Hose nut
17, 20, 28) #8M005.....	Screw for piston	45) #MPDI189.....	Suction hose assy. 16mm
18, 29) #8M007.....	Washer	46) #16MM.....	Suction hose 16mm (sold by the foot)
19) #8MP033.....	Motor piston SHELL sub Assy	47) #MPDI209IND.....	Strainer/foot valve 16mm
21) #8J007.....	Piston O-ring	NS) #MPDI196.....	Complete by-pass sub assy.
22) #8PJ009.....	Upper valve assy. for piston + seal EP	NS) #8P044.....	Wall bracket
23) #8M015.....	Toggle spring	NS) #8EM003.....	Motor seals set
24) #8M006.....	Draw Bolt	NS) #20J002.....	O-ring seal
25) #J006VF.....	O-ring seal VF	NS) #8J041.....	Bell housing O-ring
26) #8MP031.....	Barrel sub assy.	NS) #PJDI120VVF.....	Injection seals Kit V VF + suction valve + barbed fitting



## D40MZ2 Mediator

The D40MZ2 replaces the D8RE2 high capacity mediator with an improved piston and 63% fewer replacement parts. Its 40 GPM flow rate handles the needs of large multi-house sites. The exterior sleeve regulates the injection rate from 1:50 to 1:500.

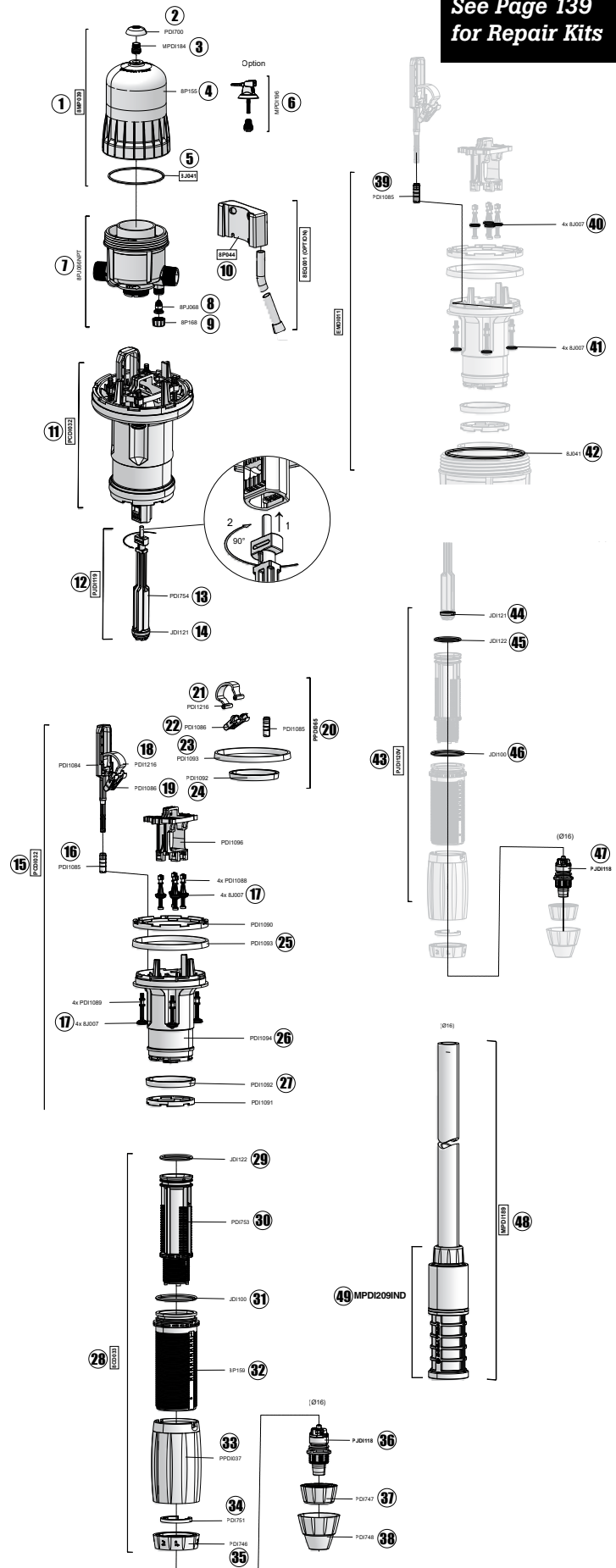
- Flow range: 2.2 - 40 GPM
- Adjustable ratio: 1:500 to 1:50
- Percentage Range: 0.2 to 2%
- Pressure: 4.3 to 116 PSI
- Size: 25-1/4" x 8-1/2"
- 1-1/2" NPT inlet/outlet



#D40MZ2 ..... 40 GPM Mediator

## D40MZ2 Replacement Parts

- |                 |                                |
|-----------------|--------------------------------|
| 1) #8MP039      | Bell Housing Assembly          |
| 2) #PDI700      | Air Bleed Protective Cap       |
| 3) #MPDI184     | Air Bleed                      |
| 4) #8P155       | Bell Housing                   |
| 5) #8J041       | Bell Housing O-Ring            |
| 6) #MPDI196     | Bypass                         |
| 7) #8PJ066NPT   | Body Assembly                  |
| 8) #8PJ068      | Vacuum Breaker Valve           |
| 9) #8P168       | Nut                            |
| 10) #8P044      | Wall Bracket                   |
| 11) #PCDI032    | Piston Assembly                |
| 12) #PDI119     | Plunger Assembly               |
| 13) #PDI754     | Plunger                        |
| 14) #JDI121     | Plunger Seal                   |
| 15) #PCDI032    | Piston Assembly                |
| 16) #PDI1085    | Pushrod Plastic Seal           |
| 17) #8J007      | Upper Piston Valve O-Ring      |
| 18) #PDI1216    | Omega Spring                   |
| 19) #PDI1086    | Connecting Rod                 |
| 20) #PPDI065    | Piston Maintenance Kit         |
| 21) #PDI1216    | Omega Spring                   |
| 22) #PDI1086    | Connecting Rod                 |
| 23) #PDI1093    | Upper Flange                   |
| 24) #PDI1092    | Lower Flange                   |
| 25) #PDI1093    | Upper Flange                   |
| 26) #PDI1094    | Piston Shell                   |
| 27) #PDI1092    | Lower Flange                   |
| 28) #8CD033     | Injection Stem Assembly        |
| 29) #JDI122     | Injection Stem O-Ring          |
| 30) #PDI753     | Injection Stem                 |
| 31) #JDI100     | O-Ring                         |
| 32) #8P159      | Injection Sleeve               |
| 33) #PPDI037    | Adjusting Sleeve               |
| 34) #PDI751     | Anti Rotating Ring             |
| 35) #PDI746     | Locking Nut                    |
| 36) #PDI118     | Check Valve Assembly           |
| 37) #PDI747     | Check Valve Nut                |
| 38) #PDI748     | Hose Nut                       |
| 39) #PDI1085    | Pushrod Plastic Seal           |
| 40) #8J007      | Upper Piston Valve O-Ring      |
| 41) #8J007      | Upper Piston Valve O-Ring      |
| 42) #8J041      | Bell Housing O-Ring            |
| 43) #PDI120V    | Seal Kit - D40MZ2/D14MZ5/D8RE2 |
| 44) #JDI121     | Plunger Seal                   |
| 45) #JDI122     | Injection Stem O-Ring          |
| 46) #JDI100     | O-Ring                         |
| 47) #PDI118     | Check Valve Assembly           |
| 48) #MPDI189    | Hose Assembly                  |
| 49) #MPDI209IND | Strainer Assembly              |



See Page 139  
for Repair Kits



## D25F Mediator

Features a higher flow rate designed to handle bigger animals and larger buildings. Fixed 1:128 ratio eliminates possible mistakes in medicating your animals or birds.

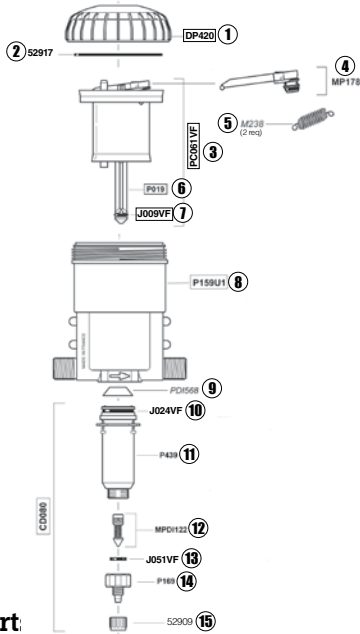
- Flow of .05 to 11 GPM
- Fixed ratio at 1:128
- Pressure: 4.3 to 85 PSI
- Connection Size 3/4" NPT



11 GPM

#52900D25F ..... D25F Mediator

## D25F Replacement Part



- |              |                               |
|--------------|-------------------------------|
| 1) #DP420    | .....Lid                      |
| 2) #52917    | .....Lid O-ring               |
| 3) #PC061VF  | .....Piston                   |
| 4) #MP178    | .....Wishbone spring assembly |
| 5) #M238     | .....Actuator spring          |
| 6) #P019     | .....Plunger                  |
| 7) #J009VF   | .....Plunger seal             |
| 8) #P159U1   | .....Body                     |
| 9) #PDI568   | .....Cone                     |
| 10) #J024VF  | .....Stem O-ring              |
| 11) #P439    | .....Injection Stem           |
| 12) #MPDI122 | .....Check valve assembly     |
| 13) #J051VF  | .....Check valve seal         |
| 14) #P169    | .....Hose barb                |
| 15) #52909   | .....Hose Nut                 |

## D25F Rebuild Kit & Replacement Seal Kit



- |             |                           |
|-------------|---------------------------|
| A) #MKD25F  | .....Rebuild Kit          |
| B) #PJ117VF | .....Replacement Seal Kit |



## D25RE2 Mediator

An enhanced version of the 11-GPM unit that features an exterior adjustment sleeve allowing you to quickly change ratios from 1:50 through 1:500.

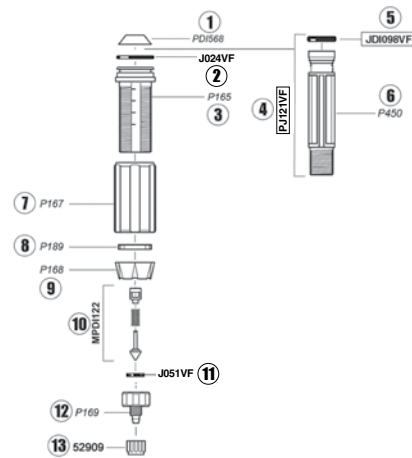
- Flow of .05 to 11 GPM
- Adjustable Ratio: 1:500 - 1:50
- Pressure: 4.3 to 85 PSI
- Connection Size: 3/4" NPT



11 GPM

#52900D25RE2 ..... D25RE2 Mediator

## D25RE2 Replacement Parts



- |              |                           |
|--------------|---------------------------|
| 1) #PDI568   | .....Cone                 |
| 2) #J024VF   | .....Stem O-ring          |
| 3) #P165     | .....Sleeve               |
| 4) #PJ121VF  | .....Stem assembly        |
| 5) #JDI098VF | .....O-ring               |
| 6) #P450     | .....Stem                 |
| 7) #P167     | .....Sleeve               |
| 8) #P189     | .....Plastic nut          |
| 9) #P168     | .....Locking nut          |
| 10) #MPDI122 | .....Check valve assembly |
| 11) #J051VF  | .....Check valve seal     |
| 12) #P169    | .....Hose barb            |
| 13) #52909   | .....Suction hose nut     |

## D25RE2 Rebuild Kit & Replacement Seal Kit



- |                 |                                       |
|-----------------|---------------------------------------|
| C) #MKD25RE2VF  | .....Rebuild Kit                      |
| D) #PJ117MINI-H | .....Replacement Mini Maintenance Kit |





## DM11F Diaphragm

The DM11F uses a completely redesigned hydraulic motor that is piston-free, which allows the medicator to work properly even in environments with sand, algae, or high mineral content in the water supply. The DM11F also features a highly chemical resistant housing to allow for use of a wide range of chemicals, including pH water treatment chemicals and other substances commonly used to combat bio-film.

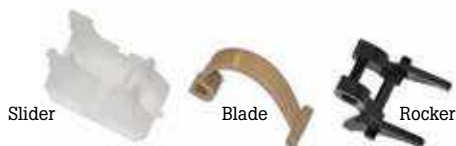
- Maximum Flow: 11 GPM
- Minimum Flow: 0.02 GPM
- Injection Percents: 0.8%
- Injection Ratios: 1:128 Fixed
- Pressure Range: 1.5 to 85 PSI
- Connections: 3/4" NPT

#DM11F..... DM11F Diaphragm



## Seal Kit

#PJDI900VF..... Seal Kit



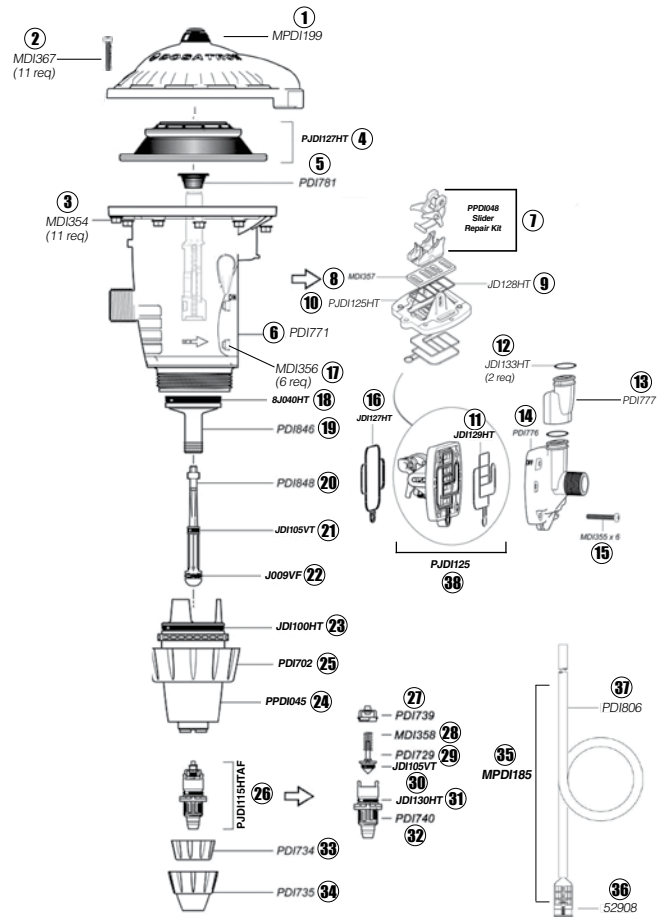
## Slider Repair Kit

#PPDI048..... Slider Repair Kit



## Mini Maintenance Kit

#PJDI900MINI-LS..... Mini Maintenance Kit



## DM11F Replacement Parts

- |                       |                                  |
|-----------------------|----------------------------------|
| 1) #MPDI199.....      | Cap Assembly                     |
| 2) #MDI367.....       | Screw                            |
| 3) #MDI354.....       | Nut                              |
| 4) #PJDI127HT.....    | Diaphragm                        |
| 5) #PDI781.....       | Plastic seal for diaphragm       |
| 6) #PDI771.....       | Body                             |
| 7) #PPDI048.....      | Slider Repair Kit                |
| 8) #MDI387.....       | Ceramic Plate                    |
| 9) #JDI128HT.....     | Actuator gasket                  |
| 10) #PJDI125HT.....   | Actuator subassy and gasket      |
| 11) #JDI129HT.....    | Actuator gasket                  |
| 12) #JDI133HT.....    | O-ring seal for actuator (2 req) |
| 13) #PDI777.....      | Upper transfer body              |
| 14) #PDI776.....      | Transfer body                    |
| 15) #MDI355.....      | Screw                            |
| 16) #JDI127HT.....    | Transfer body gasket             |
| 17) #MDI356.....      | Nut                              |
| 18) #8J040HT.....     | O-ring for isolation body        |
| 19) #PDI846.....      | Isolation body                   |
| 20) #PDI848.....      | Plunger                          |
| 21) #JDI105VT.....    | Plunger o-ring top               |
| 22) #J009VF.....      | Plunger seal bottom              |
| 23) #JDI100HT.....    | O-ring for stem body             |
| 24) #PPDI045.....     | Injection stem assembly          |
| 25) #PDI702.....      | Top stem nut                     |
| 26) #PJDI115HTAF..... | Check valve assembly             |
| 27) #PDI739.....      | Check valve cap                  |
| 28) #MDI358.....      | Check valve spring               |
| 29) #PDI729.....      | Check valve cone                 |
| 30) #JDI105VT.....    | O-ring for check valve cone      |
| 31) #JDI130HT.....    | O-ring for hose barb             |
| 32) #PDI740.....      | Hose barb                        |
| 33) #PDI734.....      | Nut for check valve              |
| 34) #PDI735.....      | Lower stem nut                   |
| 35) #MPDI185.....     | Hose assy. 5/16", DM11F          |
| 36) #52908.....       | Strainer for 5/16" hose, DM11F   |
| 37) #PDI806.....      | Hose                             |



11 GPM

# Chemilizer

## HN55 Mediator, Fixed

### WATER MOTOR

- Has no sliding piston to wear out.
- Is not affected by chemicals since they are injected directly into the water line for mixing.

### CHEMICAL PUMP

- Twists in and out of water motor.
- Easy maintenance.

### SPECIFICATIONS

- Maximum Flow: 11 GPM
- Minimum Flow: 0.02 GPM
- Pressure Range: 3-85 psi
- Connections: 3/4" NPT

#CH9000-209.....HN-55 Mediator, Fixed, 1:128

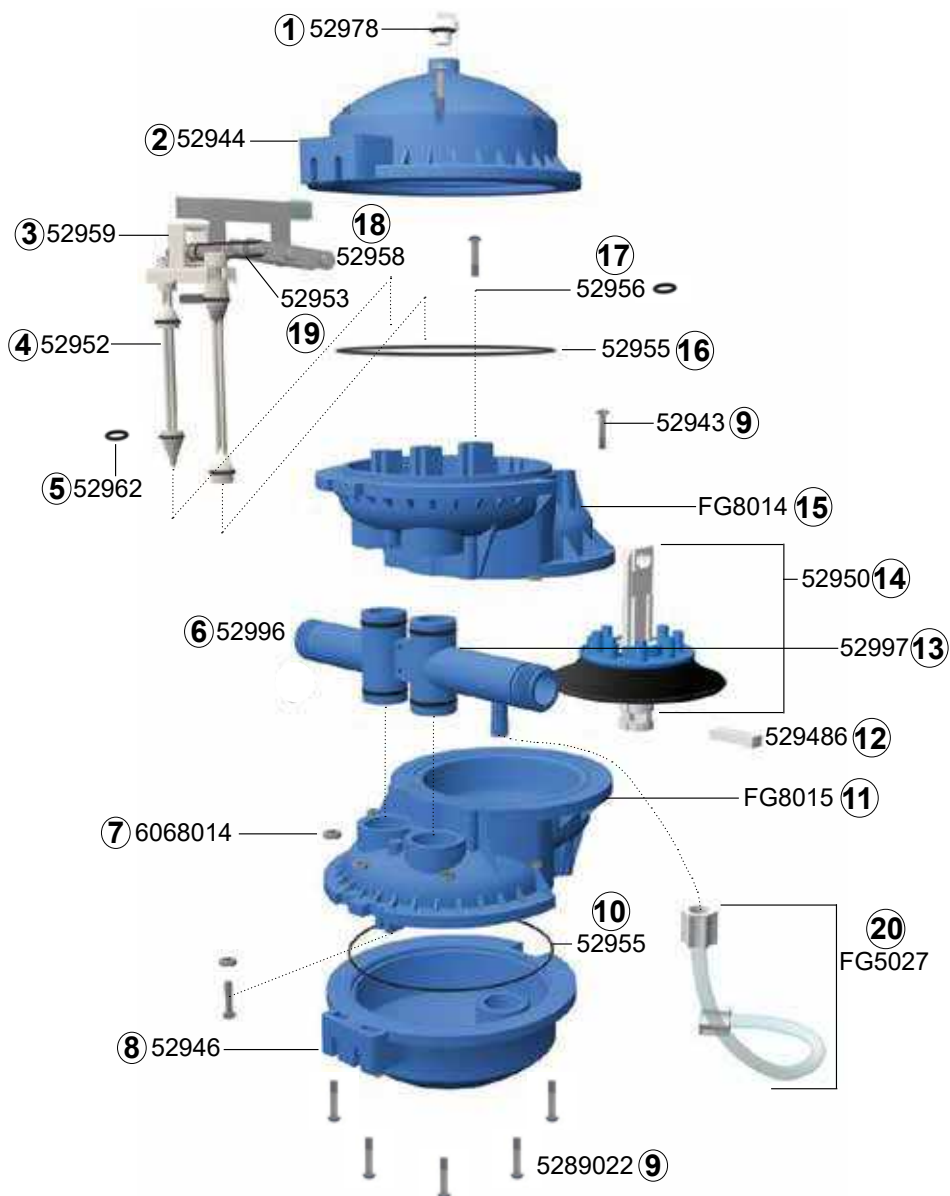


## HN55 Mediator, Adjustable

### SPECIFICATIONS

- Flow Range: .02 to 11 GPM
- Adjustable ratio: 1:50 to 1:164
- Percentage: .6 to 2%
- Operating pressure: 3 - 85 PSI

#HN55ADJ.....HN-55 Mediator, Adjustable, 1:50-1:168

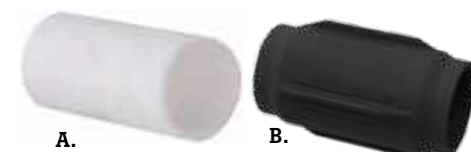


- |                  |                             |
|------------------|-----------------------------|
| 1) #52978.....   | Twist air vent              |
| 2) #52944.....   | Top cap                     |
| 3) #52959.....   | Actuator arm                |
| 4) #52952.....   | I/O valve                   |
| 5) #52962.....   | O-ring 109 (Discontinued)   |
| 6) #52996.....   | Assembly for Inlet Tee      |
| 7) #6068014..... | 10-32 nut                   |
| 8) #52946.....   | Bottom cap                  |
| 9) #5289022..... | 10-32 stainless steel screw |
| 11) #FG8015..... | Main body assembly          |
| 12) #529486..... | Motor piston clip           |
| 13) #52997.....  | Assembly for Outlet Tee     |
| 14) #52950.....  | Diaphragm assembly          |
| 15) #FG8014..... | Body assembly top           |
| 16) #52955.....  | O-ring 159                  |
| 17) #52956.....  | O-ring 009                  |
| 18) #52958.....  | Pivot arm                   |
| 19) #52953.....  | Tension ring                |
| 20) #FG5027..... | Medication hose assembly    |



### Replacement Kit for I/O Assembly

#52952..... Replacement Kit for I/O Assembly



### Sleeves

- A) #10095071 ..... Ceramic Sleeve  
B) #10097374 ..... Kynar Sleeve



### Fixed 1:128 Pump

Kynar sleeve with Viton seal assembly.

#FG9209-V ..... Fixed 1:128



### Adjustable 2% Pump

Fits all Chemilizer models  
Ratio 1:50 – 1:164  
Percentage 2% – .06%

#10095989 ..... Adjustable 2%



### Adjustable 5% Pump

Fits new style Chemilizers only  
Ratio 1:20 – 1:64  
Percentage 5% – 1.6%

#10095982 ..... Adjustable 5%



### Fixed Pump Rebuilt Kit- Ceramic

For fixed ration pumps with ceramic sleeve  
Kit includes: (1) blue replacement stem (w/ o-ring and gasket installed), (2) replacement pump body o-rings and (1) Viton check valve.

#OR9409-V ..... 1:128  
#OR9410-V ..... 1:100



### Adjustable Pump Rebuild Kits

Kits include:

- (1) Pump Stem
- (1) Upper Stem O-Ring
- (1) Stem O-Ring
- (1) Check Valve Kit

#10096920 ..... 1:20 – 1:64  
#10096938 ..... 1:50 – 1:164



### Adjustable Pump Stem

Includes upper and lower stem o-rings.

#10096903 ..... Adjustable stem



### Fixed Ratio Pump Stem

Includes o-ring and gasket

#OR9009 ..... 1:128 Fixed



### Fixed Pump Rebuilt Kit- Kynar

For fixed ration pumps with Kynar sleeve  
Kit includes: (1) white replacement stem (w/ o-ring and gasket installed), (2) replacement pump body o-rings and (1) Viton check valve.

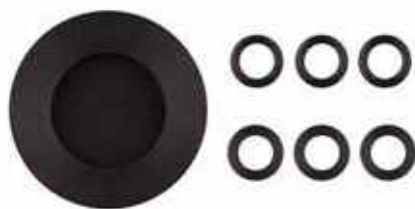
#FG9409-V ..... Fixed



### Fixed Ratio Repair Kit- Kynar

For fixed ration pumps with Kynar sleeve  
Kit includes: (3) replacement o-rings, (3) replacement gaskets and (1) 1% Viton check disk

#FG9910 ..... Fixed



### Fixed Ratio Repair Kit- Ceramic

For fixed ration pumps with Ceramic sleeve  
Kit includes: (6) replacement o-rings and (1) 1% Viton check disk

#OR9910 ..... Fixed



### Clear Suction Hose

Approximately 4 feet long.

#52948 ..... Hose



### Weighted Filter

#52949 ..... Black PVC

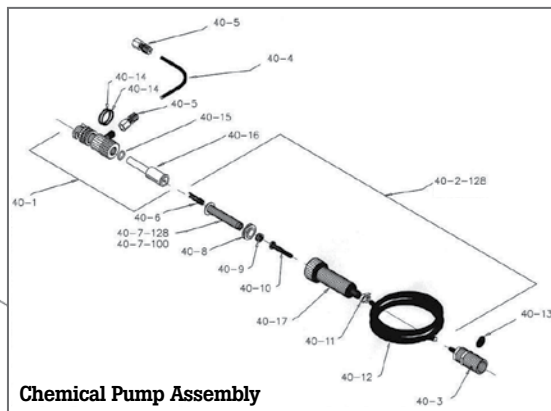
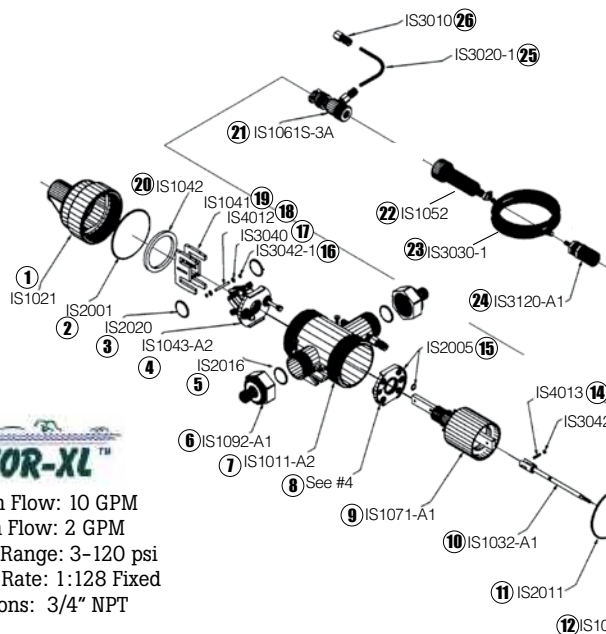




10 GPM

**GATOR-XL™**

- Maximum Flow: 10 GPM
- Minimum Flow: 2 GPM
- Pressure Range: 3-120 psi
- Injection Rate: 1:128 Fixed
- Connections: 3/4" NPT



**Chemical Pump Assembly**

#IS8001 ..... Gator-XL Medicator



**Service Kit**

#IS8030 ..... Service kit



**Motor/pump connecting rod assy.**

#IS1032-A1 ..... Connecting rod assembly



**Quick Clip Pump Piston**

#IS8039 ..... Quick clip pump piston

## Gator Replacement Parts

1) #IS1021.....	Motor cap top
2) #IS2001.....	Motor cap O-ring seal
3) #IS2020.....	Tension bands(set of 2)
4) #IS1043-A2.....	Intake/exhaust valve sub assembly
5) #IS2016.....	Union adapter O-ring seal
6) #IS1092-A1.....	Hose adapter assembly (set of 2)
7) #IS1011-A2.....	Main body assembly
8) See Number 4.....	
9) #IS1071-A1.....	Motor piston/cylinder assembly
10) #IS1032-A1.....	Motor/pump connecting rod assy w/IS2011 O-rings
11) #IS2011.....	Motor/pump connecting rod seal (set of 2)
12) #IS1022.....	Motor bottom cap
13) #IS83042.....	Retainer washer (pack of 10)
14) #IS4013.....	Connecting pin
15) #IS2005.....	Intake/exhaust valve seals (set of 4)
16) #IS83042.....	Retainer washer (pack of 10)
17) #IS3040.....	Washer (pack of 10)
18) #IS4012.....	Pivot shaft
19) #IS1041.....	Stop (set of 2)
20) #IS1042.....	Pressure plate ring
21) #IS1061S-3A.....	Pump body with sleeve assembly
22) #IS1052.....	Pump cap
23) #IS3030.....	Suction hose - 5'
24) #IS3120-A1.....	Chemical filter assembly w/screen
25) #IS3020-1.....	Pressure tube
26) #IS3010.....	Pressure fitting

## Chemical Pump Assembly Replacement Parts

Key	Item#	Description
40-1	IS1061S-3A	Pump Body w/sleeve assy.
40-2-128	IS8031XTP	Replacement Cartridge (1/128)
40-3	IS3063-A1	Filter Assembly with 3063-1
40-4	IS3020-1	Pressure Tube
40-5	IS3010	Pressure Fitting
40-6	IS8039	Quick Clip Pump Piston (Pack of 1)
40-7-128	IS1111	Pump Cylinder (1/128)
40-7-100	IS1112	Pump Cylinder (1/100)
40-8	IS1121	Pump Cylinder Seal
40-9	IS8038	Pump Check Valve (Pack of 2)
40-10	IS1102-A1	Hose Barb w/ Seal
40-12	IS3030	Suction Hose 5'
40-13	IS3063-1	Filter Screen
40-14	IS2010	Pump Body Seal O-ring (Set of 2)
40-15	IS2017	Pump Body Sleeve Seal O-ring
40-16	IS1151	Pump Body Sleeve
40-17	IS1052	Pump Cap



## Proportioner Venturi Valve

Venturi proportioners provide an economical method of accurately dispensing chemicals. Interchangeable, color coded tips vary injection rates. 1/4 turn changes from ON to rinse.

- Self cleaning polypropylene
- Cleaning flow rate: up to 2 GPM at 58 psi
- Washing flow rate: up to 13 GPM at 58 psi
- Temperature: up to 160° F
- Built-in check valve
- Suction valve and strainer

#DSA-VENTURI.....Proportioner Venturi Valve



## Qwik-Blend Injector Pump

Preset unit injects Proxy-Clean® directly from the jug without premixing a stock solution. Reliable 3% venturi injects without moving parts to break. Steel cabinet with extra 3% tips, ships with connection hoses preclamped for installation.

#WC001.....Proxy Clean Quick Blend 3%



## Agitator Pumps

- 1/200 hp, 115 V
- 6-1/4" H x 4-1/4" W x 6-1/4" L
- No more clumping at the bottom of the stock tank.
- Keeps hard-to-mix chemicals in suspension!

#500203.....6' cord

#500500.....18' cord



## Mix and Measure Bucket

Graduated 5-gallon mixing bucket. Ideal for medicator stock tank. Lid not included

#3250230.....Mixing Bucket

# MixRite



11 GPM

Dilution Ratio: 1:128 Fixed (.08%)  
Water Flow Rate: .03 to 11 GPM  
Operating Pressure Range: 2.9 to 129 PSI  
Connection Size 3/4" BSPT

#DI7125010.....2501 Fixed Rate Pump



11 GPM

Dilution Ratio: 1:500 to 1:50 (.03 to 2.0%)  
Water Flow Rate: .03 to 11 GPM  
Operating Pressure Range: 2.9 to 120 PSI  
Connection Size 3/4" BSPT

#DI712502.....2502 Low Flow



## Seal Kit

- for Model 2502

#DI7125200.....Seal Kit



## Suction Tube Kit

- 10mm for Model 2502

#DI7125360000024.....Suction Tube Kit



## Check Valve Kit

- 10mm for Model 2502

#DI7125360000119.....Check Valve Kit



## Mechanism Springs

- Plastic, (2)

#DI7125360000191.....Mechanism Springs



## Engine Repair Kit

- for Model 2502

#DI7125360000203.....Engine Repair Kit



## Seal Kit

- for Model 2501

#DI7125360000206.....Seal Kit

# SuperDos

**SuperDos is designed with a patented internal mixing chamber that promotes homogeneous mixing, while segregating harsh chemicals from critical internal components. It comes in various models that easily satisfy the demands of your most challenging applications.**

- Proprietary composite body for chemical compatibility and for mixing aggressive chemicals
- Built-in on/off switch (30 and 45 models only), which allows user to stop the injection – but not the system
- Separate internal mixing chamber to prevent chemical contact with motor piston – for longer life and uniform mixing
- Interchangeable lower ends with the ability to adjust ratios while in operation
- Highly aggressive, chemical-resistant models available



Item#	Description	Flow Rate	Operating Pressure	Injection Rate
#113202	SuperDos 15	.04 - 15 GPM	3-60 PSI	1:500 - 1:40
#529015	SuperDos 20	.05 - 20 GPM	5-100 PSI	1:500 - 1:40
#113209	SuperDos 30	.15 - 30 GPM	5-100 PSI	1:500 - 1:40



**Wear Parts Kit E**  
#HS011831PV ..... Kit Parts E for 30 2.5%



**Wear Parts Kit E**  
#HS011833PV ..... Kit Parts E for 20 2.5%



**Wear Parts Kit G**  
#HS011843PV ..... Kit Parts G for 20 2.5%



**Parts Kit A**  
#HS011850V... Washer & Dosage Gasket for 20/30 2.5%



**Wear Parts Kit G**  
#HS011841PV ..... Kit Parts G for 30 2.5%



**Wear Parts Kit H**  
#HS011863 ..... Motor Piston Adv 20/30 ON/OFF



**Wear Parts Kit F**  
#HS011961V ..... Kit Parts F for 20/30 2.5%



**Gasket Injector Mixing Chamber**  
#HS194605 ... Gasket Injector Mixing Chamber for 20/30



**Top Housing**  
#HS194610 ..... Top Housing For SuperDos 45



**Non Bypass Injector**  
#HS194615 ..... Plug Non Bypass Injector for 20



**Washer Injector**  
#HS197090 ..... Washer Injector SuperDos 20



**O Ring**  
#HS212025V .... O Ring Outer Cylinder Lower End for 20/30

## Suction Line Filter

#52949 ..... Suction line filter for 20/30 1/4"



## Hair Pin

#HS004014 ..... Pin Hair for 20



## WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Dosage Piston

#HS010044P ..... Piston Dosage for 20/30 2.5%

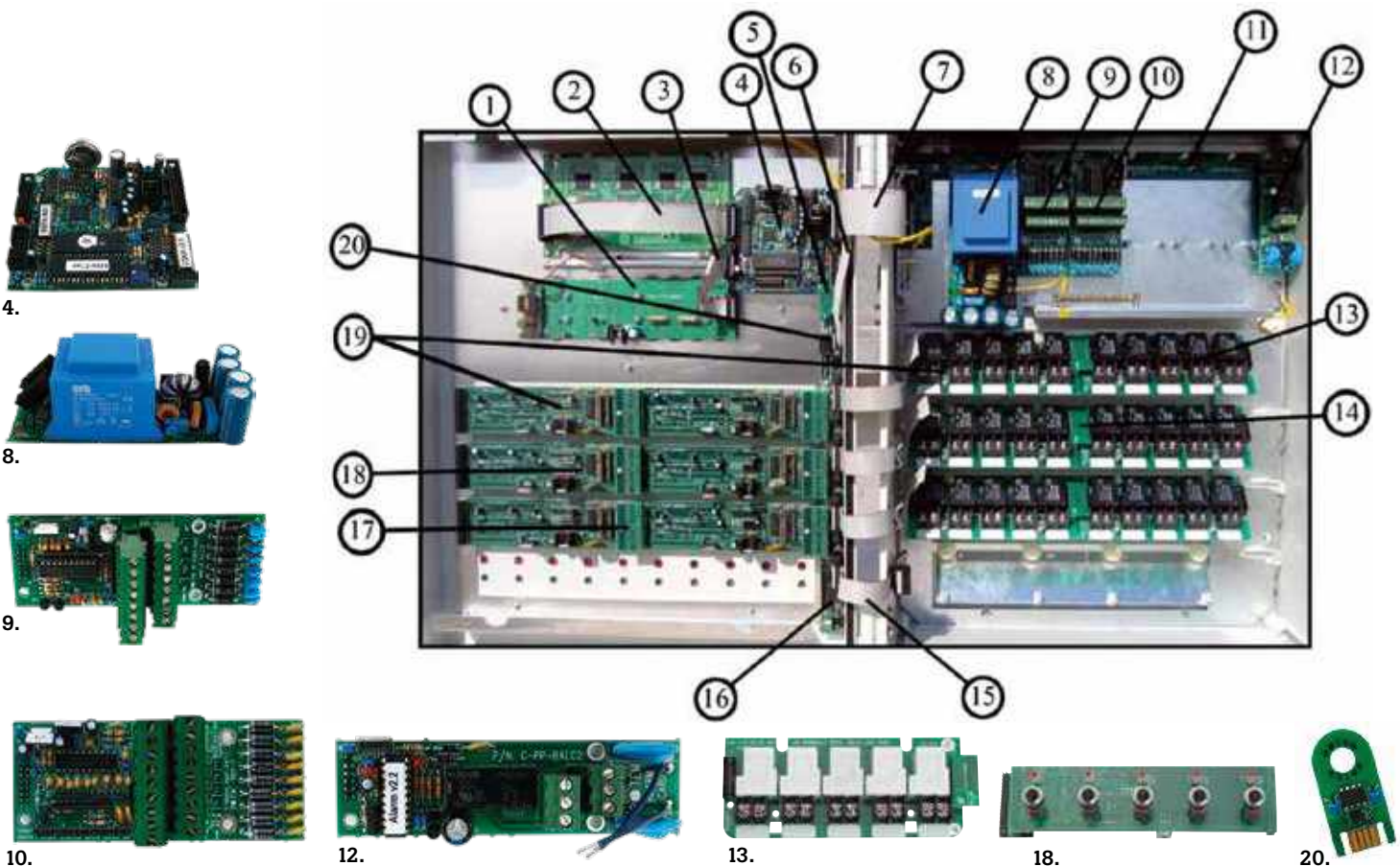


## Wear Parts Kit D

#HS011461V ..... Kit Parts D for 30 2.5%



# ROTEM® Replacement parts for Platinum Plus and Plus Jr




1A) #DI78CPPKBDLED.....	New Style Key Pad	12) #DI784ALAR.....	Alarm Card
2) #DI784CLCD.....	Cable - LCD	13) #DI784REON.....	Relay Card Only
2A) #DI78SPPLCDLED.....	New Style Cable - LED	14) #DI784JURE.....	Jumper - Relay Only
3) #DI784CKEY.....	Cable - Keypad	15) #DI784CABL.....	Cable - Switch to Relay
4) #DI784PPMB.....	Main Board - CPU	16) #DI784SBUS.....	Switch Bus
4A) #DI784CPPARM.....	New Style Main Board - CPU	17) #DI784JUMP.....	Jumper - Switch
5) #DI784JUCP.....	Jumper - CPU	18) #DI784SWON.....	Switch Card Only
6) #DI784CBUS.....	Cable - Bus to Bus	19) #DI784RELA.....	Relay Block
7) #DI784CMAI.....	Cable - Platinum Main	20) #DI784DATA.....	Data Plug
8) #DI784PPPS.....	Power Supply	NS) #DI784SWCO.....	Switch Cover
9) #DI784RDIC.....	Digital Card	NS) #DI784PLCD.....	Display (old version w/ green screen)
10) #DI784ANOU.....	Analog Input	NS) #DI78SPPLCDLED.....	Display (new version w/ white screen)
11) #DI784IBUS.....	Input bus for Platinum Plus	NS) #DI784HING.....	Hinge Set



**Communication Card**  
#DI784COMM.....Communication Card




**Relay Block for Winch Card**  
#DI784REWC.....Relay Block for Winch Card



**Variable Output Card**  
#DI784ANAC.....Variable Output Card



**Temperature Sensor**  
#HSPROBE-784.....Temp. Sensor



**Static Pressure Sensor**  
#DI784STAT.....Static Pressure Sensor

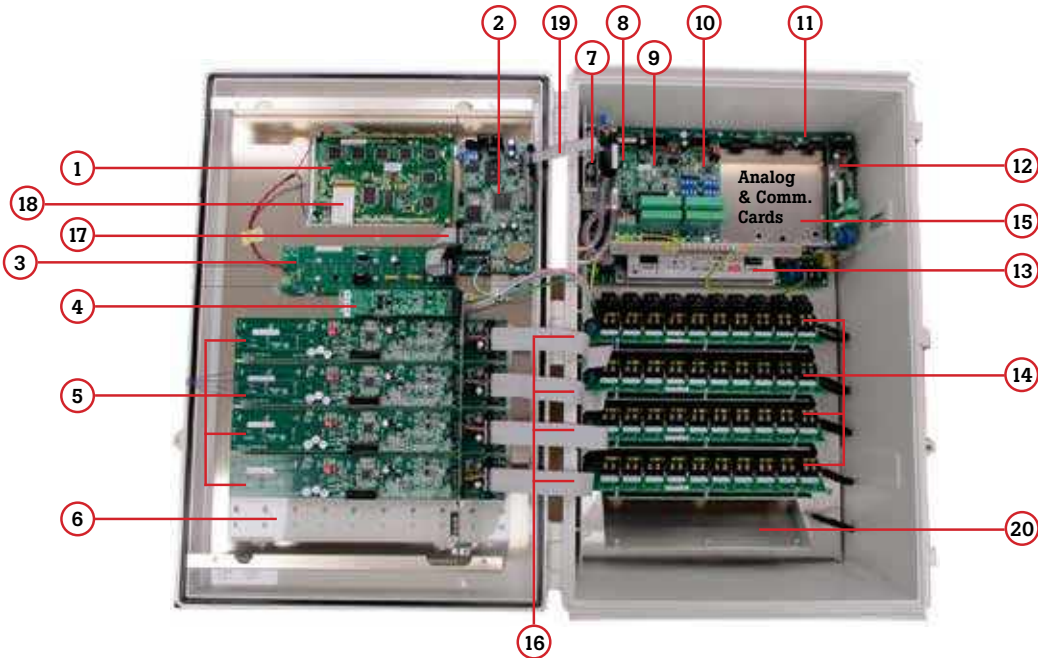




Rotem Pro  
Poultry House Control Computer

- Large range of hardware combinations enables extremely flexible system design
- Less wiring to ventilation fans required (when used in conjunction with the HUBs).
- Expansion boxes support input/output devices, removing the need for additional controllers.
- Improved software capabilities support an unlimited number of devices, including scales, meters, digital thermostats, and more.
- Extended longevity of hardware components.
- Minimal internal heat improves durability in hot climates.
- Reduced electrical noise levels inside the controller improve signal quality.
- Simplified troubleshooting enables detecting faulty cards easily and quickly.

#DI784RPRO40.....	Rotem Pro /40 Relays
#DI784RPRO50.....	Rotem Pro/ 50 Relays



Rotem Platinum Pro Spare Parts

1) #DI784SPPROXLLCDLED .....	LCD Display
2) #DI784CPPARMPRO .....	Main Board
3) #DI784KEYP .....	Key Pad (Discontinued)
4) #DI784CBOARDONE .....	P4 RS485 Card
5) #DI784SWONPRO .....	Switch Card
6) #DI784SBUSPRO .....	Switch Bus
7) #DI784STAT .....	Static Pressure Sensor
8) #DI78CBOARDPRO .....	Connection Board
9) #DI784RDICPRO .....	Digital Input/ Water, Feed, Alarm
10) #DI784ANOUPRO .....	Analog Input Card/ Sensor
11) #DI784IBUSPRO .....	Input/ Output Bus
12) #DI784ALARPRO .....	Alarm Card
13) #DI784CPPPS100DVPRO .....	Power Supply
14a) #DI784REONPRO .....	Relay Card
14b) #DI784RELAPRO .....	Relay Block 10 Relay w/ 10 Switches

15) OPTIONAL PARTS	
#DI784ANACPRO .....	Analog Output Card - Dimmer
#DI784CPPISO485PRO .....	Communication Card
16) #DI784CABLPRO .....	Cable-Switch/ Relay
17) #DI784CKEY .....	Key Pad Cable
18) #DICABLE-PLATINUM LCD .....	LCD Cable
19) #DI784CMAIPRO .....	Main Cable
20) #DI784RELC .....	Plastic Relay Lock

OPTIONAL PARTS (NOT SHOWN)	
#DI784PPROWC .....	Winch Card Set
#DI78PPPCSS30APRO .....	Current Sense Set
#DI784PPROSOWC .....	Winch Switch Card Only
#DI784CPPROWCBRC .....	Winch Card Relay Only
#DI78SDCARD .....	SD Card



# ROTEM®

## Rotem One

### Poultry House Control Computer

Touch screen brings together mission critical data in one easy to read screen. Defining functions is done directly from a large screen designed for its ease of use.

- Large range of hardware combinations enables extremely flexible system design
- Less wiring to ventilation fans required (when used in conjunction with the HUBs).
- Expansion boxes support input/output devices, removing the need for additional controllers
- Improved software capabilities support an unlimited number of devices, including scales, meters, digital thermostats, and more
- Extended longevity of hardware components
- Minimal internal heat improves durability in hot climates
- Reduced electrical noise levels inside the controller improve signal quality
- Simplified troubleshooting enables detecting faulty cards easily and quickly

#DI784R0540 ..... One Touch 40R/50  
#DI784R0550 ..... One Touch 50R/50



### Extension Box for Rotem Controllers

Rotem Relay Expansion Boxes provide additional relays for Rotem controllers.



#### Rotem Relay Expansion 50 Box: Up to an additional 50 relays

#DI784RX520 ..... Relay 20 Stage Expansion in 50 Box  
#DI784RX530 ..... Relay 30 Stage Expansion in 50 Box  
#DI784RX540 ..... Relay 40 Stage Expansion in 50 Box  
#DI784RX550 ..... Relay 50 Stage Expansion in 50 Box

#### Rotem Relay Expansion 30 Box: Up to an additional 30 relays

#DI784X310 ..... Relay 10 Stage Expansion in 30 box  
#DI784X320 ..... Relay 20 Stage Expansion in 30 box  
#DI784X330 ..... Relay 30 Stage Expansion in 30 box



### Rotem Enhanced Backup

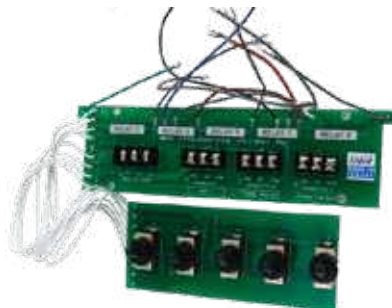
#DI78PRBU27SECD4V1 ..... RBU-27 SE Enhanced Backup



### Communicator 2.0

The Rotem Communicator 2.0 delivers next level control with an extensive alarm package and remote access to your farm's controllers via the web. From its feature-rich, yet easy-to-use alarm configuration and management software, the alarm package delivers vital, real-time data giving you the unprecedented ability to quickly manage any problems that arise.

#DI78PCOMM2K ..... Communicator 2.0



### Backup Circuit Board

#DI78CRBU5ST ..... Backup Circuit Board



### Relay for Backup Box

#5X848 ..... Relay, DPDT, 8 Pins, 240VAC





# TC5 Series

## Improved Features!

- Larger enclosure more wiring space
- Humidity control available
- Alarm output standard

### Airstream GTC5-2N6FA Controller

#GTC5-2N6FA ..... 8 stage combo-2 var, 2 heat, 2 on/off, 2 curtain  
 #GE330-0536 ..... Top replacement board only  
 #GE330-0537 ..... Bottom replacement board only

### Airstream GTC5-2V2SA Controller

#GTC5-2V2SA ..... 4 stage control-2 var, 1 heat, 1 on/off  
 #GE330-0243 ..... Top replacement board only  
 #GE330-0244 ..... Bottom replacement board only

### Airstream GTC5-2V4SA Controller

#GTC5-2V4SA ..... 6 stage control-2 var, 1 heat, 3 on/off  
 #GE330-0241 ..... Top replacement board only  
 #GE330-0242 ..... Bottom replacement board only

### Airstream GTC5-1V6SA Controller

#GTC5-1V6SA ..... 7 stage control-1 var, 2 heat, 4 on/off  
 #GE330-0245 ..... Top replacement board only  
 #GE330-0246 ..... Bottom replacement board only

### Airstream GTC5-2V8SA Controller

#GTC5-2V8SA ..... 10 stage control-2 var, 1 heat, 7 on/off  
 #GE330-0349 ..... Top replacement board only  
 #GE330-0354 ..... Bottom replacement board only  
 #GE330-0319 ..... Slave box only

### Airstream GTC5-1V10SA Controller

#GTC5-1V10SA ..... 11 stage control-1 var, 1 heat, 9 on/off  
 #GE330-0255 ..... Top replacement board only  
 #GE330-0256 ..... Bottom replacement board only  
 #GE330-0257 ..... Slave box only

### Airstream GTC5-1N8FA Controller

#GTC5-1N8FA ..... 8 stage combo control-2 var, 3 heat, 3 on/off, 1 curtain  
 #GE330-0253 ..... Top replacement board only  
 #GE330-0254 ..... Bottom replacement board only  
 #GE330-0249 ..... Slave box only

### Airstream GTC5-1N5F1A Controller

#GTC5-1N5F1AB ..... 6 stage combo control-1 var, 2 heat, 2 on/off, 1 curtain  
 #GE330-0379 ..... Top replacement board only  
 #GE330-0252 ..... Bottom replacement board only

### Airstream GTC5-1N4F1A Controller

#GTC5-1N4F1A ..... 5 stage control-1 var, 1 heat, 1 on/off  
 #GE330-0259 ..... Top replacement board only  
 #GE330-0250 ..... Bottom replacement board only



### GPF-6

#GPF-6 ..... Potentiometer feed back inlet control  
 #GE330-0377 ..... Bottom replacement board



### Potentiometer

#G52-0197 ..... Potentiometer w/ 2" gear  
 #G52-0196 ..... Potentiometer w/ 1" gear



### Fuses

#EL1031 ..... 15 amp time delay  
 #GE300-1015 ..... 4 amp slow blow TC5  
 #EL1030 ..... 10 amp  
 #EL1051 ..... 1 amp  
 #EL1027 ..... 5 amp curtain machine output



### Temperature Sensors

#HSPROBE-S ..... 18" Cord  
 #HSPROBE-M ..... 12' Cord  
 #HSPROBE ..... 30' Cord



## Hired Hand Evolution 3001

Hired-Hand offers poultry producers the most versatile line of controls on the market. Configured with up to 64 programmable stages, temperature ramping, on-board history, and other advanced features. The Evolution line also allows you to customize with add-on modules. Choose from software packages, wireless networks, expansion, variable output and back-up modules. The result is a user-friendly design that handles all of your natural and/or power ventilation needs.

#H3701-6065..... Version 21 chip for EV-3001 controller  
(free with return of old chip to hired hand)

## Hired Hand Evolution 4000 Control System

Though it has inherited many characteristics from its 3000/3001 predecessors, the Evolution 4000 does boast many new features that set it apart from controllers released by Hired-Hand in the past. An SD card slot for upgrading software versions, copying and pasting saved programs and enhanced historical data collection and recall has been added to the controller. In addition, new features include one touch language translation between English and Spanish and a bright white LCD display for a much clearer and easier to read screen.

The new controller also features heavy duty industrial pluggable stage terminals, pluggable IDP input terminals and LED status indicators for more efficient installation and maintenance. Additionally, the unit comes complete in a NEMA rated ABS enclosure with stainless steel hinges and latches. NEMA Rated ABS Enclosure (24"x15.5"x9") with stainless steel hinges and latches. All in one box design makes for faster installation and requires less wall space. Shipping Dimensions: 28"x21"x15".



#H6607-8220 ..... Evolution 4000 – 40 Stage Controller



## Fail Safe Relay Circuit Board

#H6407-1511 .....PCB161 EV fail safe rly w QA



## Curtain Relay Circuit Board

#H6407-1516 .....PCB167 EV curtain rly w QA



## Main Relay Circuit Board

#H6407-1513 .....PCB161 EV relay w QA



## 16-Stage Switch Board

#H6407-1518 .....PCB168 EV 16 Stg SWX w QA



## 3001 Interface Board

#H6407-1523.....PCB170 EV 3001 Interface w QA



## Variable Speed Card

#H6407-1536.....PCB172 EV Variable w QA



## 3000 Interface Board

#H6407-1522.... PCB170 EV 3000 Interface w QA



## 3000 Display Module

#H6407-6062 .....Display blue/white



## Master Control Board

#H6407-1520..... PCB169 EV Master I/O w QA



## 16-Stage Power Supply

#H6407-1528.....PCB 171 EV 16 Stg PS w QA



## 3001 Display Module

#H6407-6059 .....EV 3001 Display Assy



## Dimmer Card

#H6407-1538.....PCB174 Dimmer M/A w QA





**MAXIMUS**

# The MAXIMUS Solution

## Connect. Manage. Maximize



### MAXIMUS Controller

Customizable control of your farm's environment and management systems



### Egg Flow Management

Synchronized collection flow for better egg quality.



### Stay Connected

Monitor and input data from your computer, phone or other mobile device.



### Feed Management

Measures feed levels and sends alerts to prevent feed outages.







## MAXIMUS Parts



**Variable Board**

#MKITPCB100..... Variable Board



**Input Board**

#MKITPCB103..... Input Board



**Relay Module**

#MKITPCB102..... Relay Module



**External Contractor Module**

#MKITPCB122..... External Contractor Module



**Switch Board w/ Potentiometer**

#MKITPCB105-1 .... Switch Board w/ Potentiometer



**Switch Board w/ 2 Switches**

#MKITPCB105-2..... Switch Board w/ 2 Switches



**Temperature Sensors**

#M7000-0022..... 14' Sensor

#M7000-0005..... 8" Probe



**Relay Vase Board**

#MKITPCB101 ..... Relay Vase Board



**Variable Board w/ Heat Sink**

#M7000-0004..... Variable Board w/ Heat Sink



EDGE® is a single platform that is versatile and intuitive allowing it to handle all control applications. The unique design makes EDGE® the only controller on the market that can be configured to match your operation's specific requirements. It is also flexible enough to be adapted to new construction or existing system upgrades.

- Information at a glance
- Multi-Location Control
- Remote Connectivity
- Simple Configuration
- Ventilation Based on CFM per Head
- Self-Diagnostics
- Full Redundancy
- Fail Safe Mode
- Data Analysis
- Modular Architecture
- Plug-In Modules
- Multiple Types of Inputs
- Variable Lighting
- Secure Wire Configuration
- LED Temperature Probes

# Multifan IC

## Models

- #MVFIC-610/S ..... Intelligent Control, 6 inputs and 10 outputs  
 #MVFIC-410ND/S ..... Intelligent control, 4 inputs and 8 outputs

## Modules for IC Controls

- #MVFCM10-2/S .... Fan control module per module 10 amp each (up to 1.5 HP each relay @ 230V)  
 #MVFCIM-1/S ..... Curtain inlet module  
 #MVFCIP-1/6/S .... Curtain/ inlet positioner module, 1 per drive, 6 amp Open close for 3 wire motor  
 #MVFVSM-2/S ..... Variable speed fan module - 2 stages per module

## Replacement Boards for IC Controls

Model #	Bottom Boards	Top Boards
MVFIC-610/S	MVFBB-IC-610	MVFTB-IC-610
MVFIC-410ND/S	MVFBB-IC-410	MVFTBF-IC-410ND
MVFCM10-2/S	-	MVFTBF-CM10-2
MVFCIP-1/6/S	MVFBB-CIP-1/6	MVFTB-CIP-1
MVFVPM-2/S	MVFBBVPM-2	NA
MVFCIM-1/S	MCIM-11	MVFTB-CIM-1

# Multifan ECS

## Models

- #MVFECS-3M/S ... ECS control, 3 stages, 2 variable, 1 on-off vent/ heat stage (10 amp max)  
 #MVFECS-5M/S ... ECS control, 2 stages, 2 variable, 1 on/off, vent/heat stage (10 amp max) 2 on/off vent

## Replacement Boards for ECS

Model #	Bottom Boards	Top Boards
MVFECS-1	MVFBB-ECS-1M	MVFTB-ECS-1M
MVFECS-2	MVFBB-ECS-2M	MVFTB-ECS-2M
MVFECS-3	MVFBB-ECS-3M	MVFTB-ECS-3M
MVFECS-4	MVFBB-ECS-4M	MVFTB-ECS-4M
MVFECS-5	MVFBB-ECS-5M	MVFTB-ECS-5M

## Temperature Probes for IC & ECS Controls

- #MVFDIGSEN ..... Digital temp probe (1 ft.)  
 #MVFDIGSEN-20 ..... Digital temp probe (20 ft.)

# Aerotech Controls

## Aerotech AeroBoss 1.6

- #ASS5124 ..... 6 stage control, 1 var., 2 heat, 3 on/off  
 #ATW1254 ..... Front cover only

## Aerotech AeroSpeed 1.6

- #AST5124 ..... 7 stage control, 1 var., 2 heat, 4 on/off  
 #ATW1276 ..... Front cover only  
 #ATW1277 ..... Back board only

## Aerotech AeroStep 8

- #AST5026 ..... 8 stage control, 2 heat, 6 on/off  
 #ATW1268 ..... Front cover only



# Stage Manager

The HS730 SERIES Stage Manager Controller provides intermediate control between an environmental control system and accessories such as fans, pumps, heaters etc... With each accessory connected to individual stages within the Stage Manager, the operator is able to manually operate the accessories ON or OFF independent of the environmental controller. The HS730 Stage Manager relay cards provide isolation between the control signal and the load or accessory, allowing a 120VAC control signal to operate a 240VAC motor as example. Stage switch controls are located on the front panel with control signal indicator and write on labels to fully customize controller layout and stage identification.



ITEM#	DESCRIPTION
HS730-88	Control 8 Relays



ITEM#	DESCRIPTION
HS730-66	Control 6 Relays



ITEM#	DESCRIPTION
HS730-2S4R	Control 2 Switches & 4 Relays



ITEM#	DESCRIPTION
HS730-1212	Control 12 Relays

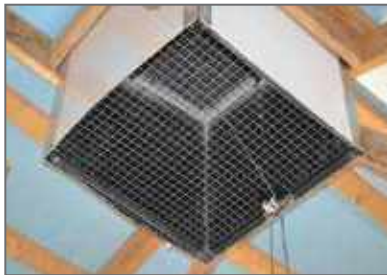
## Electrical Rating

**Relay PCB Control Control Signal:** 120VAC @ 60Hz, single phase. Output: Relay DPST Contact maximum rating 15 Amp, 2HP @ 240VAC  
**Switch Control DPDT Toggle switch Max. Ratings:** 15A @ 250 / 277VAC 1 ½ HP @ 125 VAC 2 HP @ 250 VAC



## Natural Ventilation Chimney

- 25-1/4" O.D. x 66" Tall
- Composed of fiberglass with aluminum support
- Actuated baffle
- Damper hardware and roof flashing kit included
- Easy Installation



#8140201900 ..... Natural Ventilation Chimney



### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



#VSR-09



#VPA-56

## Raydot Sensors

#VPA-56 ..... Humidity sensor  
 #VSR-09 ..... Air Speed & Temp. Sensor

#HS667-24



#CANAN1000



#RC433



#HS667B-24



## Vent Actuators

#HS667-24 ..... 24" Linear Actuator, 120 V, Blue  
 #HS667-24-240 ..... 24" Linear Actuator, 240 V, Blue  
 #HS667B-24 ..... 24" Linear Actuator, 120V Slow Speed, Black  
 #IDAW2 ..... 115 V, 12" Travel  
 #RC433 ..... 230 V, 1000 lb capacity 18" Actuator  
 #CANVA1000 ..... Canarm 230V, 1000 lb. capacity 18" Actuator  
 #CANVA24-120 ..... Canarm 120V, 500 lb. capacity 24" Actuator



### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## Time Clocks

Designed for industrial, commercial and residential applications. Highest HP ratings in the industry for loads up to 40 amps, providing direct 24-hr. control of most loads. Provides 1 to 2 "ON/OFF" operations each day with minimum ON/OFF time of 1 hours. All models equipped with one "ON" and one "OFF" tripper.



- #INT101P..... 24 hr. w/ plastic case  
#INT101PCD82..... 24 hr. w/ plastic case, window  
#59036..... 24 hr

## 24-hr with Skip-a-day

A skipper option to not operate on selected days. Cutout screws are inserted in the dial for days which operation is to be skipped. Provides up to 10 ON/OFF operations each day with min. ON/OFF operations of 1 hour and max. ON time of 20-hours. Includes one CUTOFF tripper (also serves as an "ON" tripper), one "OFF" tripper and three skipping screws.



- #INT173..... 24-hr w/ skip-a-day, 120V  
#INET174..... 7-day skipper, 240V  
#INER8806P101C..... 14 day skipper, 240V



## 24-Hour Timer with Plastic Case

Designed for industrial, commercial and residential applications. Highest HP ratings in the industry for loads up to 40 amps, providing direct 24-hr. control of most loads. Provides 1 to 12 "ON/OFF" operations each day with minimum ON/OFF times of 1 hour.

- #59070..... 24-Hr. Timer w/ Plastic Case



## 2-Hour Timer

Spring wound auto-off 2-hour mechanical timer mounted in spray-proof plastic electrical box.

- Resistive Ratings:  
20 Amp, 125 VAC, 50/60 Hz  
10 Amp, 250 VAC, 50/60 Hz  
10 Amp, 277 VAC, 50/60 Hz



- #HS649..... Spring wound timer



## Adjustable "Minute" Cycle Timer

Our timer is easier for you to manage, and it's more straightforward than those confusing percentage cycle timers. Simply select the minutes you want the electronic device you are controlling (ie. Fan Motor) to turn on and the minutes you want it off - up to a 30 minute cycle with a 30 second minimum setting. It works on both 120 and 240 Volt applications and comes in a NEMA4 enclosure. Each knob has a maximum on or off time of 15 minutes.



- #HS834..... Adjustable cycle timer

## Quantum Fan Control

Precisely modulates the speed of ventilation fans. Temperature set point is adjustable from 35 to 95 degrees F. Features fully insulated moisture proof enclosure. Fan motors must be permanent split capacitor or shaded pole with built-in thermal fuse. Universal 125/240V control.



- #59615..... Quantum Fan Control



## Tork Timers

- #T8001..... Timer 120 V 24 hr. clock  
#T8004..... Timer 240 V 24 hr. clock, 10 amp  
#HE610410..... Motor for T8001 timer  
#T201M..... Motor for T8004 timer  
#HE610404..... Timer Metal Indoor, NEMA1, 120 V, 40A (Tork #1101)  
#HE610406... Timer Noryl Indoor/Outdoor, NEMA 3R, 120 V, 40A (Tork #1101-N)  
#HE610410..... Motor Replacement for Timer 120 V 40A (Tork# 101)

## Adjustable Percentage Timer

Sealed enclosure designed for confinement conditions. New externally mounted push button allows programming without removing the cover. Eight selectable time durations: 30 seconds, 1, 3, 5, 10, 30 minutes, 1, 4 hours. Cycling pattern from 3% to 97% to total cycle duration. Manual override to allow users to bypass programmed cycling.

- Volt/Frequency: 120/220VAC, 50/60 Hz
- Switch: SPST
- Resistive: 20 amp
- Motor Load: 2 HP/240; 1 HP/120



- #INCT2000..... Adjustable Percentage Timer

## One-Hour Cycle Timer with Plastic Case

- 1 to 30 ON-OFF operations per hour. 60 tabs permit 1 minute switching changes
- Indoor/ Outdoor Plastic Enclosure
- 20 Amp rating
- 120 V
- SPDT



- #590010..... 1-hr. cycle timer.plastic case



#156T3492A

#IN156T1950A

## Replacement Tripper Pins

1. for Intermatic T101, T103, T104 Time Clocks
2. for Intermatic T1905, T1906, T1975R Time Clocks

- 1) #156T3492A..... Replacement tripper pins  
2) #IN156T1950A..... 12-pack



## Spring Wound Timer

- #INFD1H..... 1-hr. spring wound timer  
#INFD2H..... 2-hr. spring wound timer  
#INFD4H..... 4-hr. spring wound timer  
#FD6H..... 6-hr. spring wound timer  
#FD12HC..... 12-hr. spring wound timer

## Hi/Lo Thermometer

Records the high and low temperature in Fahrenheit. Push button resets the display. Great for use in egg coolers



- #59630..... Hi Lo Thermometer

## Single Stage Thermostat

Single stage thermostat designed for ventilation and heating applications in high moisture environments or outdoor use; NEC 547 compliant. NEMA 4X compliant enclosure with special O-ring cover seal for an improved barrier seal.

- Switch action: SPDT
- Range: 30 to 110° F
- Differential: 3.5° F
- Dimensions: (LxWxH) 9" x 4" x 3"

#HS596001 ..... Single Stage Thermostat



## Thermostat

Our best selling single stage electromechanical thermostat designed for heating and ventilation applications. Features a rugged thermoplastic enclosure that meets NEMA 4x specifications with an o-ring sealed set point adjustment knob. Exposed portion of the liquid filled sensing element is plated and plastic coated to resist damage in corrosive environments.

#59600 ..... Single Stage  
#59601 ..... 2 Stage  
#59600GP ..... Single Stage w/G.P. Logo



## Pre-wired Thermostat

- Pre-wired w/20' cord
- Plugs into a regular outlet
- Controls any heater
- 15 amp max

#59598 ..... Pre-wired Thermostat  
#U02-2601 ..... 20' cord only, 14 ga., 3-wire SJ



## NEMA Digital Thermostat

Accurate single-stage electronic temperature control with Single Pole, Double Throw output

relay. Rugged thermoplastic NEMA 4X housing with easy-to-read LCD temperature display and lockable front-panel touchpad for set up and adjustment.

#59600D ..... NEMA 4 120-240 VAC



## Thermostat with Metal Housing

- Single-pole, double-throw switch for controlling ventilation or heating.
- Metal housing with liquid-filled sensing element.
- 30° to 110° temperature range.
- 7/8" Diameter hole for 1/2" conduit.

#59001 ..... Single Stage



## VT15-WD Thermostat

The T15 is a single-stage mechanical thermostat for primary or backup operation of fans and heating equipment. Featuring a weatherproof housing with isolated electrical connection box. Adjustable knob pointer disc allows the thermostat to be re-calibrated. Fixed 1.8 degree bandwidth. 120 or 240V. 50/60hz. 10 amp maximum load. SPDT.

#VT15-WD ..... Multifan Single Stage



## Temperature Sensors

- Replacement sensor probes for use with NEMA digital thermostats.
- Stainless steel bulb
- Lead can be extended up to 800 feet.
- Splash proof

#A99BB-25C ..... 9-3/4" long  
#A99BB-200C ..... 6-1/2 feet long  
#A99BB-600C ..... 19-1/2 feet long



## Honeywell 4-stage Thermostat

- 4 separate stage can be set for heat or cool
- 120/240 VAC
- Adjustable set point
- NEMA 4X enclosure
- 1 to 35 Degree differential
- 1 temperature sensor input

#79081 ..... Honeywell 4-stage Thermostat



## Ranco Digital Thermostat Controller 24V Input

- Temperature Setpoint Range: -30° to 220°F
- Differential range: 1° to 30°F
- Pilot duty: 125VA at 120/208/240VAC
- Sensor: Thermistor, 2" long x 1/4" dia 8' cable (included)
- Control Ambient Temperatures Operating: -20° to 140° - Storage: -40° to 176°
- Ambient humidity: 0 to 95% RH, non-condensing
- Enclosure: NEMA 1

#3ZP79 ..... 24 V input w/ 8' sensor  
#3ZP77 ..... 120-240 V w/ 8' sensor



## TemproSTAT

The TemproSTAT is ideal for controlling heating devices to avoid frozen pipes and waterers.

- Turns of at 35° F and off at 48° F
- Compact 3-1/4" x 1-3/4" x 1"
- 15 AMP rating, 1800 watts @ 120V combined load for both receptacles
- 1 male grounded plug to install into 120V outlet
- Pilot light illuminates when receptacles are energized
- UL and CSA compliant

#KTP526 ..... Freeze protection thermostat



## Digital Thermostat

#TSW-250 .... Two Stage Weatherproof 90 to 255 V  
#TSW-260 .... Two Stage Weatherproof 12 to 24 V



## Replacement Sensor

Temperature sensor with 2-3/4" x 3" NEMA 4X PVC housing. Can be suspended or surface mounted. 304 stainless Steel probe measures 3-1/2". Operating temperature range is -40° to 250° F. Direct replacement sensor for Chore-Time or Hired Hand controls.

#EL1087 ..... Replacement Sensor





## Agri-Alert 800EZL/800EZK

(Replaces GAA-800 & GAA-800T)

- SD Card (MMC) compatible for EZe initial setup & backup.
- EZe removable terminal board.
- EZe removable phone card.
- EZe removable outdoor card.
- Programming wizard for EZe set up.
- Voice tagging, personalize your own voice message per zone.
- New larger screen with graphics for EZe view.
- See all conditions at a glance, no more scrolling of the screen.
- Tri-color LEDs for indicating zone status
- Cellular Base compatible.
- 2 programmable relays can be assigned to multiple zones or controlled by the phone
- 500-event memory buffer.
- Self contained NI-MH rechargeable battery, one box on the wall.
- Auto resetting overload protections, no more fuses.
- Manual and "How to setup" CD included with every alarm.

#GAA-800EZL.....Agri-Alert 8-stage w/o temp card and P/S  
#GAA-800EZK.....Agri-Alert 8-stage w/ temp card and P/S  
#GE330-0500.....Top Board for 800EZK alarm  
#GE330-0501.....Back Board w/ enclosure for 800EZK alarm  
#GAA-EZBAT.....Battery Pack to Agri-Alert 800



## Farm Hand Alert Alarm

- 230 VAC 50/60 Hz operation
- Monitors power outage
- Contains 12 VDC battery to operate siren during power outage
- Monitors 2 auxiliary inputs for fault conditions
- Contains low battery indicator

#H6607-1586.....Farm Hand Alert Alarm



## Farmsitter

- Sensaphone advances monitoring and alarm technology!
- Barn-proof enclosure
- Web capable status and data logger
- 12-hour rechargeable battery
- Surge/lightning protection built in
- Extended 3-year warranty!

#FGD-1800-CD.....Farmsitter



#520190



#52019



#H3016-1380

## Thermalarm

#520190.....Thermalarm III (normally closed)  
#520191.....Thermalarm II (normally open)  
#52019.....Thermalarm III (normally open)  
#EL1143.....Siren 30w, 12 VDC, 1amp



## Agri Alert 128 Color Touch Alarm

- 7" color touch screen allows all zones to be seen at once
- Internet connectivity provides remote access, eliminating your need to go to the barn every time it notifies you
- Email and SMS notifications
- 128 zones lets you monitor a large site with a single system
- Phone dialer provides guaranteed delivery of alarm notification even if you don't have internet
- Built in security makes sure only authorized users can adjust the system

#GAA-128K.....Agri Alert 128 Color Touch Screen Alarm



## Hired Hand Alert Alarm III

- 230 VAC 50/60 Hz operation
- Monitors power outage
- Contains 12 VDC battery to operate siren during power outage
- Monitors 2 auxiliary inputs for fault conditions
- Contains low battery indicator

#H6607-0115.....Alert Alarm III w/ Siren US Cord Set

## Agri-Alert 128 Add-On Components



#GAA-BATTERY.....Agri Alert Rechargeable Battery, 7A/H  
#GAA-KP400.....Agri Alert Home Keypad, 4 Zones  
#GAA-KPB400.....Agri Alert Farm Keypad, 4 Zones  
#GAA-MIC.....Agri Alert Microphone Extension Kit  
#EL1143.....Agri Alert Siren, 12V DC  
#GAA-T40.....Agri Alert Transformer 40-VA  
#GAA-TP800.....Agri Alert 8 Zone Extension Box (up to 6 per AA-9600)  
#GAA-VRB1.....Agri Alert Power Failure Relay Kit, 1PH  
#GAA-VRB1-220.....Agri Alert Power Failure Relay Kit, 1PH, 220V  
#GAA-VRB3.....Agri Alert Power Failure Relay Kit, 3PH  
#GAA-PC.....Agri Alert Phone Card  
#GAA-OTC.....Agri Alert Outdoor Temp Card

## Rechargeable Battery

- 12 vac battery
- Used with alarm systems

#52027.....12 V, 5 AMP Hours  
#GAA-BATTERY.....Agri Alert Alarm 7amp 12V  
#B-645.....6V, 4 Amp, 4.5V Output  
#UB1213.....12 V / 1.3 AMP Hours (Farm Alarm)  
#UB1280.....12 V / 8 AMP Hours





"PROTECT YOUR INVESTMENTS... EVEN WHEN YOU CAN'T BE THERE."

# Sensaphone® Monitor

The Sensaphone® alarm monitor is an inexpensive way to monitor any type of facility. Once the Sensaphone® detects a problem it automatically starts dialing your pre-programmed phone numbers and advises you of the problem. It continues to dial until someone responds to the call.

- Each unit monitors power and temperature
- Line seizure feature gives unit the ability to "seize" line when it needs to dial unit
- Custom voice messaging
- Can dial your beeper, pager or cell phone
- "Listen-In" feature allows you to hear on-site sounds
- Output for a siren
- Uses 6 - 1.5 volt "D" cell batteries as backup (not included)
- Operating range: 320 to 1500 F; remote temperature sensing range of -200 to 1500 F
- 6' power cord
- Uses the 2.8K temperature sensor

#FGD-400 ..... Model 400, 4 configurable inputs, Dials up to 4 phone numbers  
#FGD-800 ..... Model 800, 8 configurable inputs, Dials up to 8 phone numbers



# Sensaphone® Model 1400 & 1800

The Sensaphone 1400 is a powerful monitoring, alarm, and event logging system ideal for watching over unattended or remote locations.

- Rugged, weatherproof NEMA-4X enclosure offers protection in harsh environments
- Receive voice alerts and alarm notifications over standard telephone lines
- Auto dialer: Notifies up to eight people by voice phone call in the event of an alarm
- Up to eight external sensors monitor temperature, humidity, water and more
- Included relay output can switch local devices on/off based on alarm activity
- Temperature-sensing range of -109° to -168°F | -85° to -76°C
- Record custom voice alerts and receive alarm messages in your own voice

#FGD-1400-CD ..... Model 1400, 4 configurable inputs, Dials up to 8 phone numbers  
#FGD-1800-CD ..... Model 1800, 8 configurable inputs, Dials up to 8 phone numbers



**Sensor Magnetic Reed For Sensaphone**  
#FGD-0006 ..... Magnetic Sensor



**Water Pressure Alarm Switches**  
Activates alarm when water pressure drops below adjustable range of 0-30 PSI.  
#520150 ..... Low Pressure Water Switch  
#SM-2C-010F ..... Nason Water Pressure Alarm Switch, 10psi preset



## Farm Alarm IV Monitoring System

#FAWYRLSM4-0 ..... Alarm Master WYR-LS 4.0 Temp, Power, Water, Battery Backup  
#FAWYRLSSL4-0 ..... Alarm Slave Temp, Water, Power, Battery Backup  
#FAWYR-LSRGENT ..... Radio Generator Kit



**Temperature Sensors**  
#FGD-0101 ..... Probe, 2.8K Series Weatherproof with 12' wire  
#FGD-0102 ..... Probe, 10K Series Weatherproof with 12' wire  
#DSAL-RTS-MR ..... Sensor, Indoor 2.8K Series





# BARN**TALK**™

## Wireless barn alarm for swine and poultry producers

\* Ships direct from vendor



### BarnTalk 4G Gateway

The Gateway is the brains of the BarnTalk platform.

The BarnTalk 4G Gateway includes:

- (1) Cellular Gateway Unit
- (2) LTE/LoRA Antennas

#BTGW0100.....Standard 110V

### Wireless Water Meters

Monitor water use from main water supply or individual rooms.

#BTWM2000 ..... 3/4", 20 GPM  
 #BTWM2500 ..... 1", 30 GPM  
 #BTWM3200 ..... 1-1/4", 50 GPM  
 #BTWM4000 ..... 1-1/2", 80 GPM



### Wireless Temp Sensor - Outdoor

Add-on/replacement outdoor temperature sensor.

#BTTS0200.....Outdoor temp sensor



### Wireless Temp Sensor - Indoor

Add-on/replacement outdoor temperature sensor.

#BTTS0100 ..... Indoor temp sensor



### Wireless Humidity Sensor - Indoor

Add-on/replacement relative humidity sensor

#BTTS0300.....Indoor humidity sensor



### Wireless Dry Contact Sensor

Sensor can remotely monitor relays and power outlets. Each Remote Dry Contact contains (2) terminals for Dry Contact (N/O) or (N/C). Alarms and notifications are completely customizable in the BarnTalk app.

#BTTS1000.....Dry Contact Sensor



### LTE/LORA Antenna

Add-on or replacement LTE/LoRA antenna

#BTHW0200.....Antenna



### Adjustable Sensor Hanger

Adjustable sensor hanger with carabiner for use with remote sensors.

#BTHW0700.....Hanger



### Replacement Battery for Sensors

#BTHW0400.....Sensor Battery



### Replacement Battery for Gateway

#BTHW0500.....Gateway Battery



### Antenna Mounting Bracket

Pre-drilled right angle bracket for mounting the BarnTalk wireless antennas.

#BTHW0800.....Antenna Bracket





# 51" & 54" X-Brace Ventilation Fan

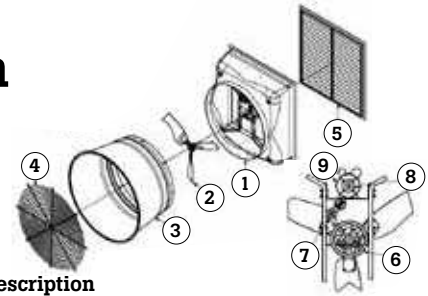
For AirStorm fans manufactured with encapsulated bearing assemblies, see Page 186 for Pillow Block Conversion Kits



- Rugged Fiberglass Housing
- Stainless Steel Fan Blade
- PVC Interior Shutters
- Heavy-Duty Poly Cone
- High Service Factor Motors

## AS-54XEBDLP Parts List

Item #	Description
1) AS-54101	Housing, 54" Fiberglass
2) HSFP-5431S	Prop 54" 3-Blade SS
3) AS-54206	Cone, Poly
4) HS902-3	Wire Guard
5) HS901-6B	Shutter PVC 57" x 59"
6) PAK1041	Pulley AK104-1
7) HS903-3	Tensioner Rotary Assembly with Splash Guards
8) PAK3458	Motor Pulley AK34-5/8
9) HS9014C	Motor 1.5 HP, 1725 RPM, 115/230, 1 PH
HS9314-VFD	Motor 1.5 HP, 1725 RPM, 230/460, 3 PH
N/S) HS903-7A	Belt, Power Twist Gray
N/S) UCP20516G5	Bearing 1" Pillow Block Standard 2 Set Screws
N/S) SHAFT1-1800T	Shaft 1" x 18" (1/4 x 1/8 x 18 Thru Keyed)



## AirStorm X-Brace 54" Fan

Model	Description	Shutter	Rough Opening	RPM	Drive	Speed	HP
AS-54XEBDLP	54", w/o cone	PVC	58" x 60.5"	1725	Belt	Single	1-1/2
AS-54XEBDLP-V	54" w/VFD, w/o cone	PVC	58" x 60.5"	1725	Belt	Variable	1-1/2 (3 Ph)
AS-54XEBDLP-HE	High Efficiency Conversion Kit						
AS-54206	54" Poly Cone						

\*Performance shown with no cone

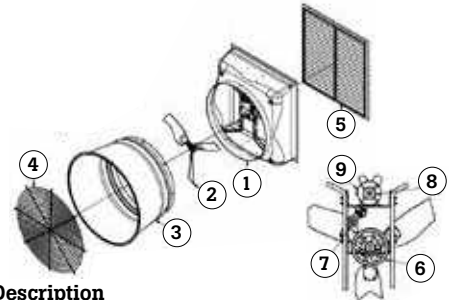
Model	BESS Test	0.00" SP CFM	0.00" SP CFM/WATT	0.05" SP CFM	0.05" SP CFM/WATT	.10" SP CFM	.10" SP CFM/WATT	.15" SP CFM	.15" SP CFM/WATT
AS-54XEBDLP	17263	30,900	20.8	29,400	19.1	27,600	17.4	25,600	15.7
AS-54XEBDLP-HE	17265	28,500	23.2	26,700	20.9	24,400	18.6	21,700	16.1
AS-54XEBDLP	17264*	28,100	18.0	26,400	16.5	24,600	15.0	22,700	13.6



- Rugged Fiberglass Housing
- Stainless Steel Fan Blade
- PVC Interior Shutters
- Heavy-Duty Poly Cone
- High Service Factor Motors

## AS-51XEBDLP Parts List

Item #	Description
1) AS-51101	Housing, 51" Fiberglass
2) HS900-51FA	Prop, 51", 3-blade SS
3) AS-51206	51" Poly Cone
4) AS902-51	Wire Guard
5) 101209-1-8	Shutter PVC, 53-7/8" x 53-7/8"
6) PAK1041	Pulley AK104-1
7) HS903-3	Rotary Tensioner Assy
8) PAK3458	Motor Pulley AK34-5/8
9) HS9014C	Motor 1.5 HP, 1725 RPM, 115/230, 1 PH
HS9314-VFD	Motor 1.5 HP, 1725 RPM, 230/460, 3 PH
N/S) HS903-7A	Belt, Power Twist Gray
N/S) UCP20516G5	Bearing 1" Pillow Block Standard 2 Set Screws
N/S) SHAFT1-1800T	Shaft 1" x 18" (1/4 x 1/8 x 18 Thru Keyed)



## AirStorm X-Brace 51" Fan

Model	Description	Shutter	Rough Opening	RPM	Drive	Speed	HP
AS-51XEBDLP	51" w/o cone	PVC	55" X 55"	115/230	Belt	Single	1-1/2
AS-51XEBDLP-V	51" w/o cone w/VFD	PVC	55" X 55"	230/460	Belt	Variable	1-1/2
AS-51206	51" Poly Cone						

Model	BESS Test	0.00" SP CFM	0.00" SP CFM/WATT	0.05" SP CFM	0.05" SP CFM/WATT	.10" SP CFM	.10" SP CFM/WATT	.15" SP CFM	.15" SP CFM/WATT
AS-51XEBDLP	18216	27,400	17.6	26,100	16.5	24,600	15.1	22,900	13.7

**WARNING:**  
This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)





# 57" X-Brace Ventilation Fan



## Efficient Drive System

Powerful High Service Factor 1.5 HP motor. Self-adjusting tensioner automatically keeps the 1/2" link belt at the proper tightness for maximum efficiency.



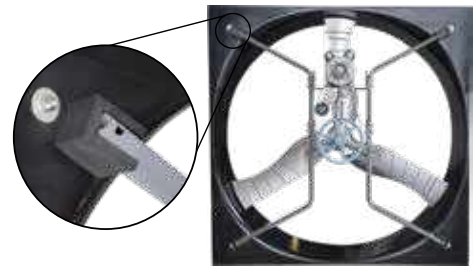
## Optional Mounting Kit (#AS-57FMH)

Stainless steel kit adapts fan to a through-wall installation.



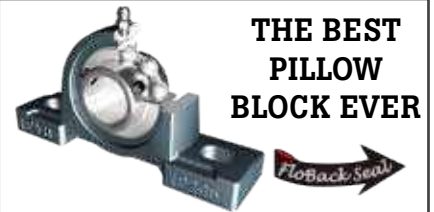
## Poly Butterfly Shutter

Corrosion resistant poly dampers seal tight with magnetic closures and dual springs. An aluminum damper ring maintains maximum stability in any temperature extreme.



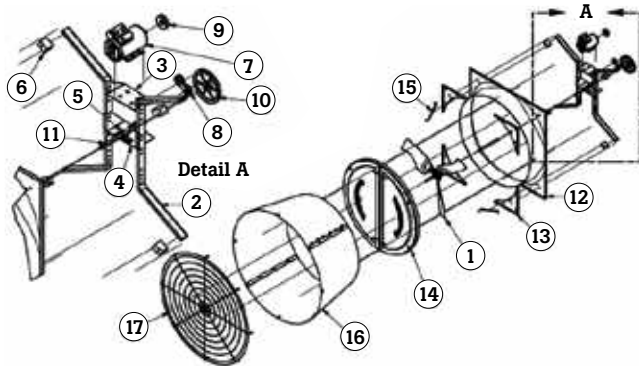
## Rigid X-Brace Supports

Innovative X-Brace design moves the anchor points of the support arms to the housing corners for maximum stability. The support arms are manufactured from aluminum tube for increased corrosion protection and incorporate a triangular edge profile to reduce wind turbulence. Rubber corner mounts cushion the fiberglass housing from fan vibrations.



## Improved Bearing Life

New solid base bearing housing increases mounting stability, reducing vibration significantly. The new bearing also includes a double-lip FloBack seal to improve lubrication and add additional protection against contamination to reduce maintenance. Fan features Stainless Steel motor and bearing mounting plates.



## AS-57EBDBP Parts List

Item #	Description
1) HSFP-5731S HSFP-5731G	Prop 57", 3-Blade, SS Prop 57", 3-Blade, Galv.
2) AS-54X115A	Assembly, Upright, Fan 54" Aluminum X Frame Unpainted

Item #	Description
3) AS-54X110	Mount, Motor, Stainless, 54" X Frame
4) AS-54X118B	Plate, Support Shaft ASM
5) UCP20516G5	Bearing 1" Pillow Block Standard 2 Set Screws
6) AS-54X312	Block, Isolation, Interior Air Storm X Frame
7) HS9019C	Motor 1.5HP 1725 RPM 1 PH 208-230V
HS9378-VFD	Motor 2 HP 1725 RPM 230/460 3 PH
8) HS903-3	Tensioner Rotary Assembly with Splash Guards
9) PAK3058	Pulley AK30-5/8
10) AFD99100	Composite 991
11) SHAFT1-1800T	Shaft 1" x 18" (1/4 x 1/8 x 18 Thru Keyed)
12) AS-57309B	Venturi, Fiberglass Panel 57"
13) AS-57319	Support Plate, Corner 57" FBG Fan
14) WS901-57U	Assembly, Butterfly 57" Fan
15) AS-57320	Bracket, Cone Support 57" Fan
16) AS-57305P	Panel Cone 57" Poly Black
17) HS902-57E	57" Fan Prop Exit Guard
N/S) HS903-7	Belt, Power Twist Gray

## AirStorm X-Brace 57" Fan

Model	Description	Shutter	Rough Opening	RPM	Drive	Speed	HP
AS-57EBDBP	SS Blade & Hdwr. w/cone	PVC	57" x 57"	1725	Belt	Single	1-1/2
AS-57EBDBP-V	SS w/VFD drive & cone	PVC	57" x 57"	1725	Belt	Variable	2 (3 Ph)
AS-57EBDBPGA	Galv. Blade & Hdwr. w/cone	PVC	57" x 57"	1725	Belt	Single	1-1/2
AS-57EBDBPG-V	Galv w/VFD drive & cone	PVC	57" x 57"	1725	Belt	Variable	2 (3 Ph)
AS-57EBDBP-HE	High Efficiency Conversion Kit						

### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



\*Hog Slat test chamber

MODEL	BESS TEST	0.00" SP		0.05" SP		.10" SP		.15" SP	
		CFM	CFM/WATT	CFM	CFM/WATT	CFM	CFM/WATT	CFM	CFM/WATT
AS-57EBDBP	20379	33,400	26.6	31,500	23.6	29,400	20.9	26,500	17.9
AS-57EBDBP-HE	20378	30,600	31.1	28,800	27.5	25,900	23.2	22,900	19.5
AS-57EBDBPGA	20376	33,200	25.7	31,300	22.8	29,200	20.2	26,600	17.7
AS-57EBDBPG-HE	20377	30,600	30.5	28,600	26.9	26,200	23.3	23,000	19.5
AS-57EBDBP-V	HS-00709*	32,613	23.3	29,300	20.7	26,534	18.1	23,796	12.5



# Fiberglass Ventilation Fans



## WARNING:

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## AirStorm 14" Fan

Model	Description	Shutter	Rough Opening	RPM	Drive	Speed	HP
AS-14EDDLP	14" w/o cone	Plastic	20" x 20"	1725	Direct	Variable	1/4
AS-14EDDLP-V	14" w/VFD drive w/o cone	PVC	20" x 20"	1725	Direct	Variable	1/3 (3 Ph)
AS-14EDDLP-L	14" w/o VFD drive & cone	PVC	20" x 20"	1725	Direct	Variable	1/3 (3 Ph)
AS-14206	14" Poly cone						

Model	BESS Test	0.00" SP		0.05" SP		.10" SP		.15" SP	
		CFM	CFM/WATT	CFM	CFM/WATT	CFM	CFM/WATT	CFM	CFM/WATT
AS-14EDDLP	18231	2340	11.3	2200	10.3	2070	9.7	1890	8.8
	18230*	2100	9.5	1990	8.9	1860	8.4	1690	7.6

\*Performance shown with no cone



## WARNING:

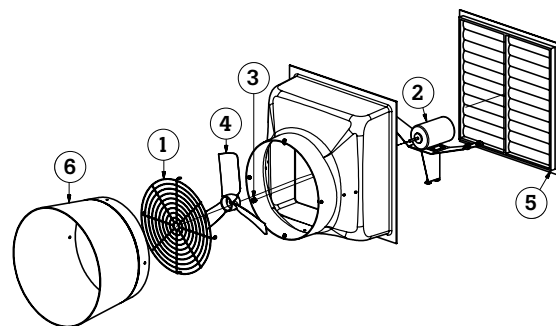
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## AirStorm 18" Fan

Model	Description	Shutter	Rough Opening	RPM	Drive	Speed	HP
AS-18EDDLP	18" w/o Cone	PVC	25.5" x 26"	1725	Direct	Variable	1/3
AS-18EDDLP-V	18" w/VFD drive w/o cone	PVC	25.5" x 26"	1725	Direct	Variable	1/3 (3 Ph)
AS-18EDDLP-L	18" w/o VFD drive & cone	PVC	25.5" x 26"	1725	Direct	Variable	1/3 (3 Ph)
AS-18206	18" Poly Cone						

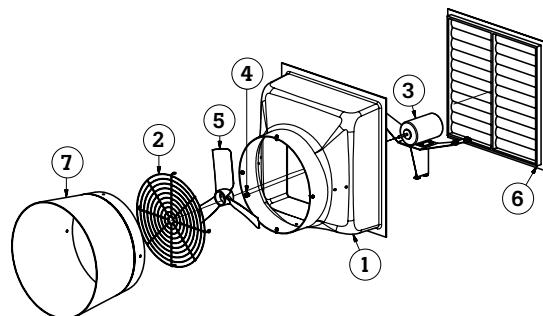
Model	BESS Test	0.00" SP		0.05" SP		.10" SP		.15" SP	
		CFM	CFM/WATT	CFM	CFM/WATT	CFM	CFM/WATT	CFM	CFM/WATT
AS-18EDDLP	15684	4,980	11.7	4,780	11.0	4,580	10.3	4,350	9.7
	15685*	4,490	10.0	4,310	9.5	4,120	9.0	3,920	8.5
AS-18EDDLP-V	18232	4710	11.1	4490	10.5	4290	9.9	3920	8.5

\*Performance shown with no cone



### AS-14 Parts List

Item #	Description
1) AS902-14EC	Guard Fan 14"
2) HS9007	Motor 1/4 HP 1725 RPM 115/230V 50/60 Hz
HS9308-VFD	Motor 1/3 HP 1725 RPM 230/460V 3 PH
3) HS903-1	Nut Transtorque 1/2" w/ 7/8" Hex Nut Keyless Bushing
4) HS900-14A	Prop 14" Fiberglass
5) 10110A	Shutter PVC, 19" X 19"
6) AS-14206	Cone 14" Poly

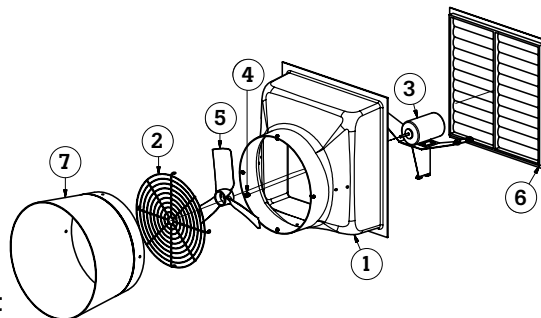


### AS-18 Parts List

Item #	Description
1) AS-18101	Housing, 18" Fiberglass
2) AS902-18EC	Guard Fan, 18"
3) HS9008	Motor 1/3 HP, 1725 RPM, Var Sp, 115/230
HS9308-VFD	Motor 1/3 HP, 1725 RPM, 230/460V, 3 PH
4) HS903-1	Transtorque 1/2" w/ 7/8" Hex Nut Keyless Bushing
5) HS900-18A	Prop 18" Fiberglass
6) 10115-5	Shutter PVC, 24-1/2" X 24-1/2" Single Door
7) AS-18206	Cone, 18" Poly



# Fiberglass Ventilation Fans



## AS-24 Parts List

Item #	Description
1) AS-24101	Housing, 24" fiberglass
2) AS902-24EC	Guard Fan 24" White Hog Slat
3) HS9006A	Motor 1/3 HP, 1075 RPM, 115/230, 1 PH
HS9306A-VFD	Motor 1/3 HP, 110 RPM, 230/460, 3 PH
4) HS903-1	Transtorque 1/2" w/ 7/8" Hex Nut Keyless Bushing
5) HS900-24A	Prop 24" Fiberglass
6) 101194-5	Shutter PVC, 32-1/2" x 32-1/2" Double Door
7) AS-24206	Cone, 24" poly

### ⚠ WARNING:

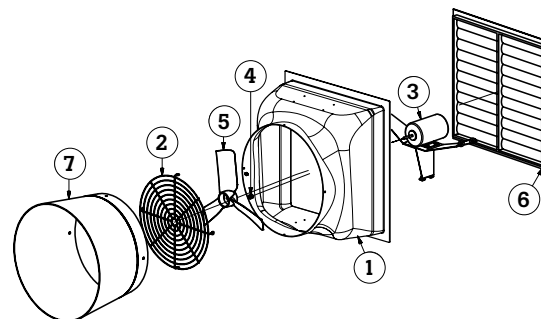
This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## AirStorm 24" Fan

Model	Description	Shutter	Rough Opening	RPM	Drive	Speed	HP
AS-24EDDLP	24" w/o cone	PVC	34.5" x 34.5"	1075	Direct	Variable	1/3
AS-24EDDLP-V	24",w/VFD drive w/o cone	PVC	34.5" x 34.5"	1100	Direct	Variable	1/3 ( 3 Ph)
AS-24EDDLP-L	24",w/o VFD drive & cone	PVC	34.5" x 34.5"	1100	Direct	Variable	1/3 ( 3 Ph)
AS-24206	24" Poly Cone						

Model	BESS Test	0.00" SP		0.05" SP		.10" SP		.15" SP	
		CFM	CFM/WATT	CFM	CFM/WATT	CFM	CFM/WATT	CFM	CFM/WATT
AS-24EDDLP	17295	7,330	16.7	6,930	15.2	6,570	14.1	6220	12.9
	17298*	6,430	13.6	6,140	12.7	5,750	11.7	5,350	10.7

\*Performance shown with no cone



## AS-36 Parts List

Item #	Description
1) AS-36101A	Housing, 36" Fiberglass
2) AS902-36EC	Wire Guard, 36"
3) HS9009A	Motor, 1/2 HP, 850 RPM, 115/230, 1 PH
4) HS903-1	Transtorque 1/2" w/ 7/8" Hex Nut Keyless Bushing
5) HS900-36E	Prop 36" Fiberglass
6) 101204	Shutter PVC, 42" x 42"
7) AS-36206	Cone, 36" poly

### ⚠ WARNING:

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## AirStorm 36" Fan

Model	Description	Shutter	Rough Opening	RPM	Drive	Speed	HP
AS-36EDDLP	36" w/o cone	Plastic	43.5" x 43.5"	850	Direct	Variable	1/2
AS-36206	36" Poly Cone						

Model	BESS Test	0.00" SP		0.05" SP		.10" SP		.15" SP	
		CFM	CFM/WATT	CFM	CFM/WATT	CFM	CFM/WATT	CFM	CFM/WATT
AS-36EDDLP	15556	11,550	20.6	10,780	18.4	9,940	16.4	8,900	14.2
	15557*	10,510	17.7	9,790	16.0	8,980	14.4	8,150	12.8

\*Performance shown with no cone



**NEW!**



# PolyStorm Fans

The PolyStorm fan series combines premium components with our roto-molded High-Density Polyethylene housing. Corrosion resistance features include fiberglass props, PVC shutters, and stainless steel mountings. At the core of every PolyStorm fan are rugged dual voltage motors with an industry-leading, 2-year warranty. PolyStorm fans are an excellent choice for new ventilation systems or lower-cost replacements fans.



- Roto-molded High-Density Polyethylene plastic housing resists cracking or breaking.
- Stainless steel mountings
- Corrosion resistance, composite fiberglass props
- Low maintenance, airfoil style PVC shutters with full-length spring steel rods
- Poly-coated wire guard
- Heavy-duty, dual voltage, 60/50 Hz motors with a 2-year warranty

Model	Description	Rough Opening	RPM	Voltage	Speed	Motor Hp
PS-14EDDLP	14"	18-1/4" X 18-1/4"	1725	115/208-230	Var	1/4
PS-18EDDLP	18"	22-1/4" X 22-1/4"	1725	115/208-230	Var	1/3
PS-24EDDLP	24"	28-1/4" X 28-1/4"	1140	115/208-230	Var	1/3

	0.00" SP		0.05" SP		0.10" SP		0.15" SP	
	CFM	C/Watts	CFM	C/Watts	CFM	C/Watts	CFM	C/Watts
PS-14EDDLP	1741	8.8	1619	7.8	1338	6.6	1019	5.4
PS-18EDDLP	3520	8.1	3311	7.6	3094	7.1	2863	6.6
PS-24EDDLP	5597	9.0	5661	8.6	5358	8.0	5050	7.3

**WARNING:**

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## 36" Galvanized Slant Wall Fan

Model	Description	Shutter	Rough Opening	Voltage	Drive	Speed	HP
WS-36SBDLA	36"	Aluminum	40-3/4" (W) x 42-3/4" (H)	115/230	Belt	Single	1/2
WS-36SBDLA-V	36" VFD w/ Drive	Aluminum	40-3/4" (W) x 42-3/4" (H)	230	Belt	Variable	1/2 (3-Ph)
WS-36SBDLA-L	36" VFD w/o Drive	Aluminum	40-3/4" (W) x 42-3/4" (H)	230/460	Belt	Variable	1/2 (3-Ph)

Model	BESS Test	0.00" SP		0.05" SP		.10" SP		Airflow Ratio
		CFM	CFM/WATT	CFM	CFM/WATT	CFM	CFM/WATT	
WS-36SBDLA	18225	11,080	18.2	10,470	16.0	9970	14.8	.82

**WARNING:**

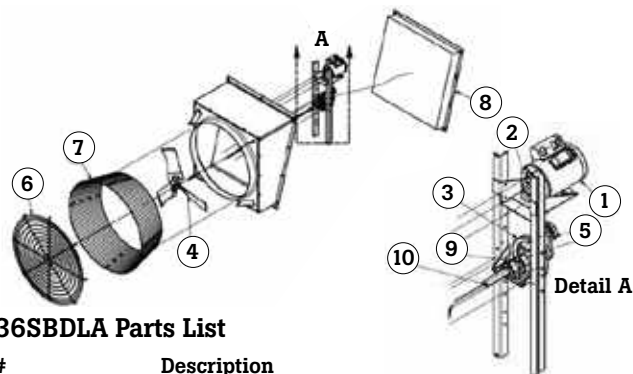
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## 54" Galvanized Slant Wall Fan

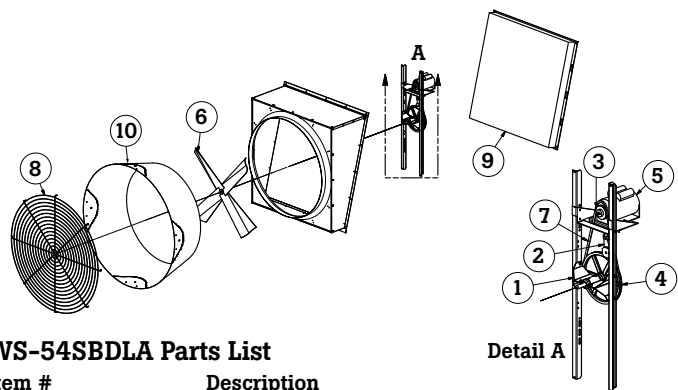
Model	Description	Shutter	Rough Opening	Voltage	Drive	Speed	HP
WS-54SBDLA	54"	Aluminum	60-3/4" (W) x 60-1/2" (H)	230	Belt	Single	1-1/2
WS-54SBDLA-V	54" VFD w/ Drive	Aluminum	60-3/4" (W) x 60-1/2" (H)	230/460	Belt	Variable	2 (3-Ph)

Model	BESS Test	0.00" SP		0.05" SP		.10" SP		Airflow Ratio
		CFM	CFM/WATT	CFM	CFM/WATT	CFM	CFM/WATT	
WS-54SBDLA	14344	28,400	23.6	27,100	21.5	25,400	19.2	.75



### WS-36SBDLA Parts List

Item #	Description
1) HS9010C	Motor 1 HP 1725 RPM 115/208-230V 50/60 Hz
HS9315A-VFD	Motor 1/2 HP 1725 RPM 230/460V 3P VFD Compatible
2) PAK2858A	Pulley AK28-5/8
3) PAK641	Pulley 6.25" X 1"
4) HS900-36H	Prop 36" Galvanized 4 Blade 1" Shaft
5) HS903-8	Tensioner Rotary Assembly 1.7" Light Gray
6) HS902-36E	Wire Guard
7) WS-3610S	Cone Section ( 4 req.)
8) HS901-36L	36" Alum Shutter
9) UCP20S16G5	Bearing 1" Pillow Block - 2 Set Screws
10) SHAFT1-1000T	Shaft, 1" x 10" Keyed.
N/S) HS903-7A	Belt Power Twist Gray



### WS-54SBDLA Parts List

Item #	Description
1) HS903-2	Jack Shaft Housing (see page 186 HSSCK200)
2) HS903-3	Tensioner Rotary Assembly w/ Splash Guards
3) PAK2858A	Pulley AK28-5/8
4) PAK1041	Pulley AK104-1
5) HS9019C	1-1/2 Hp motor, 1725 RPM, 230 Volt
HS9378-VFD	2 Hp motor, 1725 RPM, 230/460 VFD compatible
6) HS900-54B	Prop 54" 4-Blade Galvanized WS Fan
7) HS903-7A	Belt Power Twist Gray
8) HS902-1	Wire Guard, 68"
9) HS901-1	Shutter 54" WS SW Fan 58" x 59" x 2.5"
10) WS-5410S	Cone Panel (4 req.)

**⚠ WARNING:**

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## 52" Galvanized Butterfly Fan (Includes cone)

Model	Description	Shutter	Rough Opening	Voltage	Drive	Speed	HP
WS-F52B2A	52" VFD w/ Drive	Butterfly	56-1/2" x 56-1/2"	230	Belt	Single	1-1/2
WS-F52B2A-V	High Efficiency Conversion Kit	Butterfly	56-1/2" x 56-1/2"	230	Belt	Variable	2 (3-Ph)
WS-F52B-HE2A							

Model	BESS Test	0.00" SP CFM CFM/WATT	0.05" SP CFM CFM/WATT	.10" SP CFM CFM/WATT	.15" SP CFM CFM/WATT
High Volume	17278	30,000 21.3	28,700 19.4	27,000 17.2	25,300 15.3
High Efficiency	17279	27,300 23.6	25,700 20.8	22,300 16.3	20,200 14.1

**⚠ WARNING:**

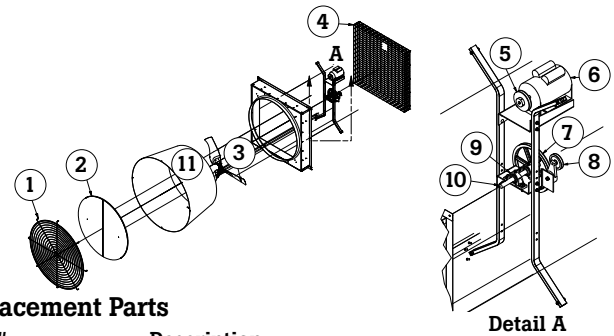
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## 54" Galvanized Panel Fan (Includes cone)

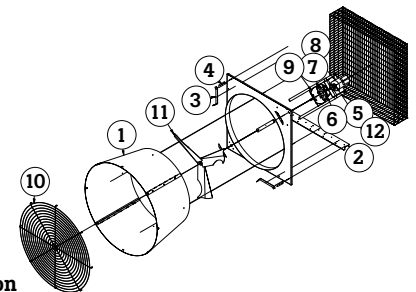
Model	Description	Shutter	Rough Opening	Voltage	Drive	Speed	HP
WS-54PBDBG	54" VFD w/ Drive	Butterfly	MIN 53" X 53"	230	Belt	Single	1-1/2
WS-54PBDBG-V	High Efficiency Conversion Kit	Butterfly	MAX 57-1/2" X 57-1/2"	230	Belt	Variable	1-1/2 (3-Ph)
WS-54PBDBG-HE							

Model	BESS Test	0.00" SP CFM CFM/WATT	0.05" SP CFM CFM/WATT	.10" SP CFM CFM/WATT	.15" SP CFM CFM/WATT
High Volume	18222	31,800 21.9	30,400 20.1	28,400 17.6	26,100 15.8
High Efficiency	18221	30,500 22.8	29,100 21.3	27,000 18.7	22,300 14.2



### Replacement Parts

Item #	Description
1) HS902-13	Wire Guard
2) HS901-52	Butterfly Shutter Galv., Less Spring
3) HS900-52G	52" Prop
4) HS902-52	Interior Guard
5) PAK4158	Pulley, AK41-5/8
6) HS9019C	Motor, 1.5 Hp, 230V, 50/60 Hz
HS9378-VFD	Motor, 2 Hp, 208-230/460V 50Hz
7) PAK941	Pulley, AK94-1
8) HS903-3	Tensioner Rotary Assembly w/ Splash Guards
9) UCP20516G5	Pillow Block Bearing
10) SHAFT1-1000T	Shaft, 1" x 10" Keyed.
11) WS-52105	Cone section (4 req.)
N/S) HS903-14	Butterfly spring
N/S) HSAX57	V-Belt, 1/2" x 59" Cogged



### Replacement Parts

Item #	Description
1) WS-54205	Panel Cone 68" OD 36" Depth
2) WS-54304	Panel, Bottom Outside Mount 54" Fan
3) WS-54314	Bracket, Cone Support Panel Fan
4) WS-54315	Brace, Cone Support Panel Fan
5) PAK3458	Pulley AK34-5/8
6) PAK1041	Pulley AK104-1
7) HS903-7A	Belt Power Twist Gray (BOM Only)
8) HS9019C	Motor 1.5 HP 1725 RPM 50/60 Hz 1 PH 208-230V 1.2 SF
HS9314-VFD	Motor, 1.5 Hp 208-230/460V 50/60 Hz
9) HS903-2	Jack Shaft Housing (see page 186 HSSCK200)
10) HS902-1	54" Fan Prop Guard 68" Cone Md
11) HSFP-5431G	Prop 54" 3-Blade Galvanized
12) HS902-4	Guard Box, Collapsible 60" X 60" X 16"



# Replacement parts for Windstorm 52" Butterfly Fans

**⚠ WARNING:**  
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## Models purchased before April 2014

### WS-F52B High Volume - 52"

Item #	Description
PAK4658	Cast motor pulley 4.6" x 5/8" bore
PAFD112100	Composite pulley 11.25" x 1" bore
HSAX64	Cogged v-belt, 1/2" x 66"
FSO604ZF	Idler Assy, 5.5" arm x 3" pulley
SHAFT1-1150	Shaft 1" x 11.5"
HS9019C*	1.5 Hp motor, 115/208-230, 56H, 1725 rpm

### WS-52B-HE High Efficiency - 52"

Item #	Description
PAK3958	Cast motor pulley 3.75" x 5/8" bore
PAFD104100	Composite pulley 10.25" x 1" bore
HSAX63	Cogged v-belt, 1/2" x 65"
FSO604ZF	Idler Assy, 5.5" arm x 3" pulley
SHAFT1-1150	Shaft 1" x 11.5"
HS9019C*	1.5 Hp motor, 115/208-230, 56H, 1725 rpm

## Models purchased April 24 to November 2016

### WS-F52B2 High Volume - 52"

Item #	Description
PAK4158	Cast motor pulley 3.95" x 5/8" bore
PAK941	Composite pulley 9.25" x 1" bore
HSAX61	Cogged v-belt, 1/2" x 63"
FSO604ZF	Idler Assy, 5.5" arm x 3" pulley
SHAFT1-1150	Shaft 1" x 11.5"
HS9019C*	1.5 Hp motor, 115/208-230, 56H, 1725 rpm

### WS-52B2-HE2 High Efficiency - 52"

Item #	Description
PAK4458	Cast motor pulley 4.25" x 5/8" bore
PAFD112100	Composite pulley 11.25" x 1" bore
HSAX64	Cogged v-belt, 1/2" x 66"
FSO604ZF	Idler Assy, 5.5" arm x 3" pulley
SHAFT1-1150	Shaft 1" x 11.5"
HS9019C*	1.5 Hp motor, 115/208-230, 56H, 1725 rpm

## Models purchased Nov 2016 to Present

### WS-F52B2A High Volume - 52"

Item #	Description
PAK4158	Cast motor pulley 3.95" x 5/8" bore
PAK941	Composite pulley 9.25" x 1" bore
HSAX57	Cogged v-belt, 1/2" x 59"
HS903-3	Idler Assy, 6.5" arm x 2.75" pulley
SHAFT1-1000T	Keyed shaft, 1" x 10" long
HS9019C*	1.5 Hp motor, 115/208-230, 56H, 1725 rpm

### WS-F52B2-HE2A High Efficiency - 52"

Item #	Description
PAK4458	Cast motor pulley 4.25" x 5/8" bore
PAFD112100	Composite pulley 11.25" x 1" bore
HSAX59	Cogged v-belt, 1/2" x 61"
HS903-3	Idler Assy, 6.5" arm x 2.75" pulley
SHAFT1-1000T	Keyed shaft, 1" x 10" long
HS9019C*	1.5 Hp motor, 115/208-230, 56H, 1725 rpm

# VFD Improves Performance of Variable Speed Fans

## VFD Control

Controller converts low voltage from house controller and sends a related signal to a fan motor in hertz. Allows for more accurate control of variable speed and cfm output.

- 240 Volt
- Waterproof NEMA 4X enclosure
- Manual override

#HSFI-1004..... 1/2 Hp  
 #HSFI-1001 ..... 1 Hp  
 #HSFI-1002..... 2 Hp

## RFI Filters

RFI Filters, or radio-frequency interference filters mitigate the high frequency electromagnetic disturbance present on the power and signal lines.

#HSFI-RFI..... Radio-Frequency Interference filters



		CFM @ .05" Static Pressure			
		60Hz	52Hz	44Hz	36Hz
AS-18EDDLP-V	18" VFD	4490	3910	3230	2380
AS-24EDDLP-V	24" VFD	6820	5980	5010	3810
AS-36EDDLP-V	36" VFD	11730	9870	7710	5360
AS-51XEBDLP-V	51" VFD	25800	22300	17500	11900
AS-54XEBDLP-V	54" VFD	28900	24900	18900	12700
AS-57EBDBP-V	57" VFD	29300	25800	22400	17400

# Shutter fans ship fully assembled, ready to install right out of the box.

## Features include:

- Pre-wired with a 10' cordset for 115 volts
- Variable or single speed (Control not included.)
- 3-bladed aluminum prop
- Aluminum shutter with tie bar to connect vanes, reducing flapping in high winds
- Interior fan guard



**⚠ WARNING:**  
This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

Item#	Size	HP	Amps	cfm/.05	Rough Opening
#VES12C	12"	1/10	1	880	12-1/2" x 12-1/2"
#VES161C	16"	1/10	1	1300	16-1/2" x 16-1/2"
#VES20C	20"	1/3	3.5	2920	20-1/2" x 20-1/2"
#VES24C	24"	1/2	4.8	4310	24-1/2" x 24-1/2"



### Variable Speed Control

Infinite speed control rated at 6 amps at 120 volts.  
Mounts in standard 2" gang box, not included.

#NE105F ..... Variable Speed Control

### Single Stage Thermostat

Single stage thermostat designed for ventilation and heating applications in high moisture environments or outdoor use; NEC 547 compliant. NEMA 4X compliant enclosure with special O-ring cover seal for an improved barrier seal.

- Switch action: SPDT
- Range: 30 to 110° F
- Differential: 3.5° F
- Demensions: (LxWxH) 9" x 4" x 3"

#HS596001 ..... Single Stage Thermostat



### Single Sidewall Inlet

- 5-1/2" x 22-1/2"
- 430 cfm
- Self-adjusting inlet

#HSI200 ..... Single Sidewall Inlet



### Competitor Series 54" Fans

- A durable and aerodynamic fiberglass housing and discharge cone backed by a limited life-time warranty
- A high performance stainless steel propeller
- A PVC shutter included with fan. (Part #PS-59C)
- A high efficiency 1-3/4 HP motor in single or three phase
- An automatic belt tensioning system
- Heavy gauge, corrosion resistant aluminum drive train support
- Stainless steel hardware
- An optional winter closure panel (Part #20-0697)

#### ⚠ WARNING:

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Model#	HP	Phase	RPM	CFM/.05sp	CFM/per watt @05	Framed Opening
#GCS54C1-P	1.75	1	587	30,044	20.2	58.0" W X 60.5" T
#GCS54C3-P	1.75	3	587	30,044	20.2	58.0" W X 60.5" T



### AP Performer Fans

- Fiberglass housing
- Rugged motors with hidden internal capacitor
- 5/16" aluminum motor mounts
- Low maintenance PVC shutters
- Balanced propellers constructed of composite fiberglass

#### Torque Nuts

#HS903-1	1/2" torque nut
#620107	5/16" torque nut
#620115	5/8" torque nut

#### ⚠ WARNING:

This product can expose you to chemicals, including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

#### ⚠ WARNING:

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Item#	Description	Fan	CFM/.05	CFM/.10	R.O. W x H
#GAPP-12F	1/4 HP - 12" fan with PVC shutter	12"	1,447	1,334	16-1/2" x 17-3/8"
#GAPP-14F	1/4 HP - 14" fan with PVC shutter	14"	2,385	2,270	19-3/8" x 19-5/8"
#GAPP-14FC	1/4 HP - 14" fan with PVC shutter and cone	14" w/cone	2,710	2,610	
#GAPP-18F	1/3 HP - 18" fan with PVC shutter	18"	4,205	3,964	25-1/2" x 25-1/2"
#GAPP-18FC	1/3 HP - 18" fan with PVC shutter and cone	18" w/cone	4,890		4,720
#GAPP-24F	1/3 HP - 24" fan with PVC shutter 24"	6,002	5,463		35" x 35"
#GAPP-24FC	1/3 HP - 24" fan with PVC shutter and cone 24" w/cone	7,120	6,710		
#GAPP-36F	1/2 HP - 36" fan PVC shutter 36"	10,297	9,392		43-3/4" x 43-3/4"
#GAPP-36FC	1/2 HP - 36" fan PVC shutter and cone	36" w/cone	11,310		10,360
#GAPPB-50	1 HP - 50" fan with PVC shutter	50"	20,151	17,792	55-1/2" x 55-1/2"
#GAPPB-50C	1 HP - 50" fan with PVC shutter and cone	50" w/cone	23,200		20,577



### Replacement Motors for AP Performer Fans

Item#	Description	Fan
#HS9028KIT	115/230 V, 1 ph. 3300 RPM	GMB-10
#HS9007	1/4 HP, 115/230 V, 1 ph, 1725 RPM	GAPP-12
#HS9007	1/4 HP, 115/230 V, 1 ph, 1725 RPM	GAPP-14
#HS9008	1/3 HP, 115/230 V, 1 ph, 1725 RPM	GAPP-18
#HS9006A	1/3 HP, 115/230 V, 1 ph, 1100 RPM	GAPP-24
#HS9009A	1/2 HP, 115/230 V, 1 ph, 900 RPM	GAPP-36
#HS9019C	1-1/2 HP, 115/208-230 V, 1 ph., 1725 RPM, 1 spd	GAPP-50
#HS9019C	1-1/2 HP, 115/208-230 V, 1 ph., 1725 RPM, 1 spd	GFS52CL16SA

#### ⚠ WARNING:

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### Replacement Props for AP Performer Fans

Item#	Description	Fan
#G13-0017	Prop, Composite, 9-3/8" dia, 5/16" shaft	GMB-10
#G13-0130	Prop, Composite, 12" dia, 1/2" shaft	GAPP-12
#G13-0106	Prop, Composite, 14-3/4" dia, 1/2" shaft	GAPP-14
#G13-0107	Prop, Composite, 19" dia, 1/2" shaft	GAPP-18
#G13-0209	Prop, Composite, 25-1/4" dia, 1/2" shaft	GAPP-24
#G13-0129	Prop, Composite, 36" dia, APP and MA	GAPP-36
#G13-0044	Prop, Composite, Performer Fan 50	GAPP-50
#G13-0132SS	Prop, Boss Fan 52, Stainless Steel	GFS52CL16SA



# Aerotech VX Series Fans

- Fiberglass housing with roto-molded poly discharge cone
- Cast aluminum airfoil prop
- Powder coated motor support and outlet guard
- Stainless steel hardware
- PVC shutters

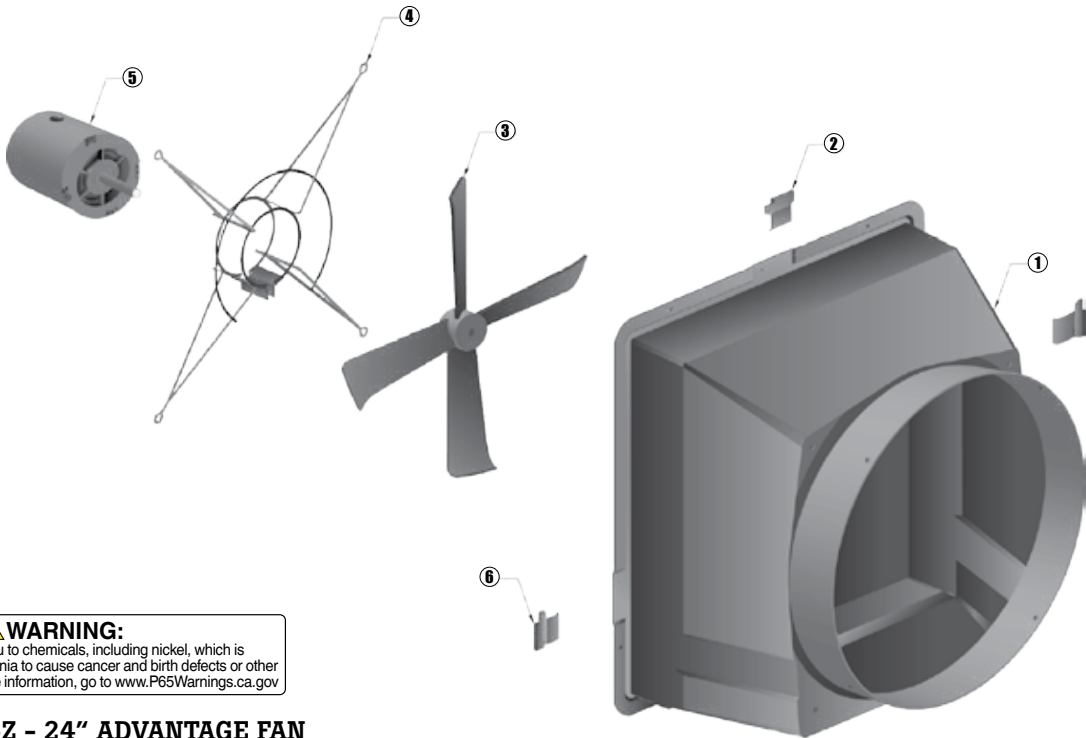


**⚠ WARNING:**

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## Aerotech VX Series Fans 9" - 26"

Item#	Description	Hp	Drive	CFM/.05	CFM/.10	R.O.WxH
#AVX14F1CP	14" fan w/ shutter and cone	1/8	Direct/VR	1,910	1,790	17-1/2" x 17-1/2"
#AVX16F1CP	16" fan w/ shutter and cone	1/4	Direct/VR	3,100	2,900	22-1/2" x 22-1/2"
#AVX18F1CP	18" fan w/ shutter and cone	1/3	Direct/VR	4,300	4,120	22-1/2" x 22-1/2"
#AVX24F1CP	24" fan w/ shutter and cone	1/3	Direct/VR	6,090	5,740	28-1/2" x 28-1/2"
#AVX26F1CP	26" fan w/ shutter and cone	1/3	Direct/VR	7,800	6,740	30-1/4" x 30-1/4"

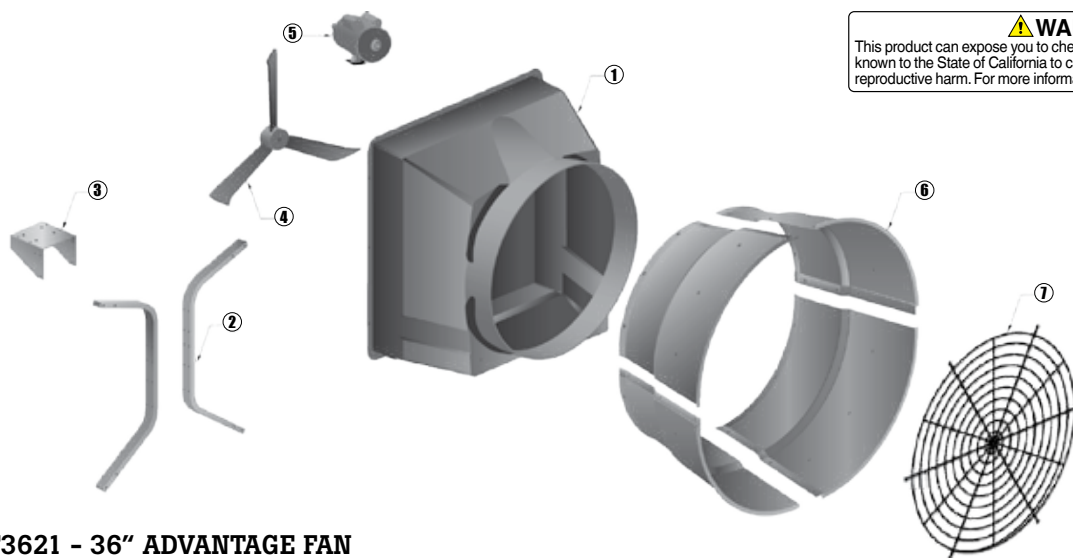


**⚠ WARNING:**

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## Aerotech AT24Z - 24" ADVANTAGE FAN

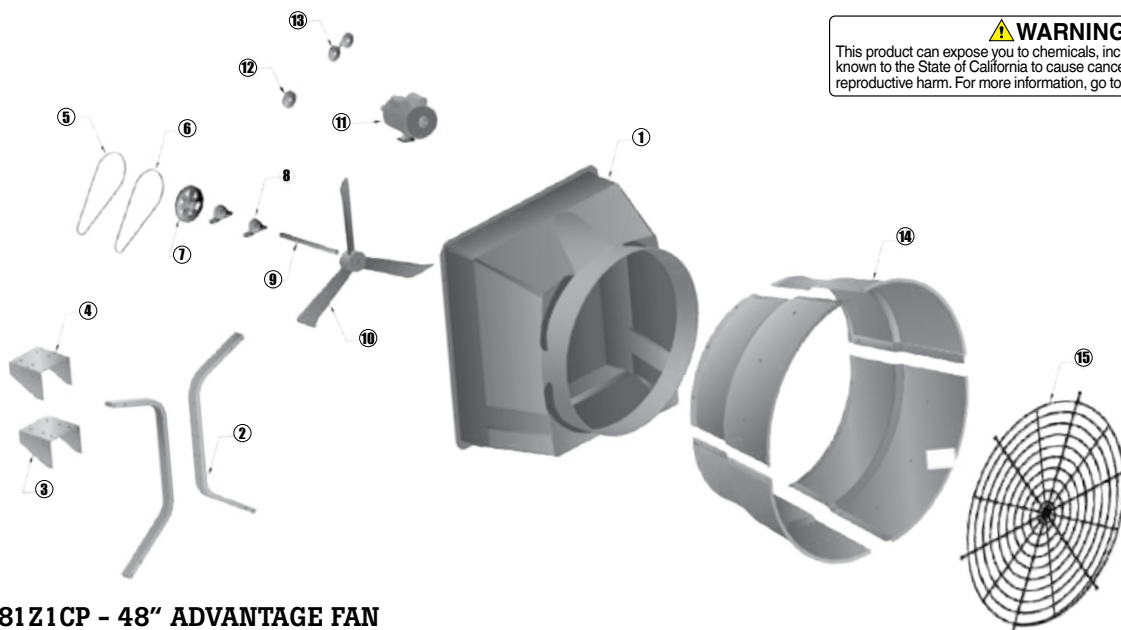
Key	Description	OEM#	G.S. Part #
1	Housing 24" Advantage Fan	#AFH3424	N/A
2	Clip Shutter For Right Side SS	#AFH2119	N/A
3	Blade 24" w/ 1/2" Bore	#AFP1033SS	N/A
4	Mount for Motor 24"	#AFH1010	N/A
5	Motor Fan 1/3 Hp 1075 RPM for 24" Fan	#AFM1008	#HS9001
6	Clip Shutter for Left Side Ss	#AFH2117	N/A
N/S	Shutter Plastic 27-5/8"	#APZ24	10118-6
N/S	Cone Discharge 24" w/ Guard	#A24RC	N/A
N/S	Round Plastic Coated Guard	#AFH1237	N/A



**⚠ WARNING:**  
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## Aerotech AT3621 - 36" ADVANTAGE FAN

Key	Description	OEM#	G.S. Part #
1	Housing Fiberglass 36" Fan	#AFH2136A	N/A
2 & 3	Strut H Conversion 36" DD Advtg	#AFH1952	N/A
4	Blade 36" 5/8" Bore with Set Screw	#AFP1013SS	N/A
5	Motor 1/2 Hp 850 RPM (variable speed)	#AFM1011	#HS9016
5	Motor 1/2 Hp 850 RPM (single speed)	#AFM1048	N/A
6	Cone 36" Fiberglass 4 sections (+guard and hdw.)	#A365FC	N/A
7	Guard Round PVC Coated 36" For Cone	#AFH1336	N/A
N/S	Shutter Plastic 41-7/8"	#APZ36	#101203-1-8



**⚠ WARNING:**  
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## Aerotech AT481Z1CP - 48" ADVANTAGE FAN

Key	Description	OEM#	G.S. Part #
1	Housing Fiberglass 48"	#AFH2148A	N/A
2,3,4	Conversion Kit 48" H Strut	#AFH1945	N/A
5	Belt V 1/2" x 49" Kevlar	#AFH1410	#HSA47K
5	Belt V 1/2" x 49" Standard	N/A	#HSA47
6	Belt Link Red Fenner Drives	#AFH2053	N/A
7	Sheave For Prop 1" Ak104	#AFH2034	#PAK1041
8	Bearing 1" Pillow Block With Zirk	#AFH2013	16G
9	Shaft for Propeller 1"	#AFH2036	N/A
10	Blade 48" Bd 3 Bld Al 1" bore with Set Screw	#AFP1016SS	N/A
N/S	Motor 1 HP 1725 RPM 3 Phase	#AFM1029	#HS9301
11	Motor 1 HP 1725 RPM 56 FR 120/240 V 5/8" Shaft	#AFM1024	#HS9000
12	Pulley AK34-5/8	#AFH2032	#PAK3458
13	Pulley Idler V-Belt 3" (Pulley Only)	#AFH2406	#VX3012
14	Cone 48" Fiberglass 4 Sections w/ Guard & Hardware	#A481FC	N/A
15	Guard Round PVC Coated For 48" Fan Cone w/ Hardware	#AFH2648	N/A
N/S	Shutter Plastic 53-7/8"	#APZ48	#101209-1-8



# Multifan

## Q Panel Fans

The Multifan panel fans adapt to a wide range of uses including side-wall fans, pit fans, and stir fans. Motors and impellers are perfectly matched for each fan model diameter and size.

- Total enclosed motors with die-cast aluminum housing.
- Lightweight polypropylene impeller stays in balance and reduces power needs.
- Corrosion resistant cast aluminum panel housing.

### 240 V.

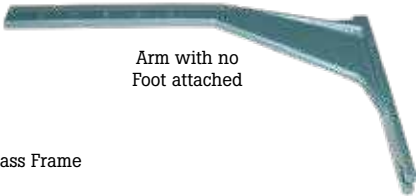
Item#	Impeller Diameter	Model	Voltage	0" S.P.	.05" S.P.	10" S.P.	AMP
#V4E25K1M70100	10"	4E25	240	882	820	760	0.40
#MV4E40K1M71100	16"	4E40Q	240	2960	2870	2780	1.20
#V4E50K1M60100	20"	4E50Q	240	4850	4690	4540	2.00
#V8E92K1M60100	36"	8E92Q	240	11200	10500	9800	3.90

# Multifan

## Q Line Replacement Parts



Fiberglass Frame



Arm with no Foot attached



Large Q on Motor Tag 3/8" between Fins

Model	Size	Motor	Impellers	Arms (3 per fan)
2E30Q	8"	M2E30K6M60100	MW312C6G2B10N01	MGBVP3011G2
4E30Q	12"	M4E30KOM70100	MW312C6G3B10N01	MGBVP3011G2
4E35Q	14"	M4E35KOM70100	MW362C6P3B10NB	-
4E40Q	16"	M4E40KOM70100	MW412C6P3B10NB	GBVP4011ZW
4E45Q	18"	M4E45KOM70100	MW460C6P3B10NB	MGBVP4511ZW
4E50Q	20"	M4E50KOM70100	MW512C6P3B10N84	MGBVP5011G2
6E63Q	24"	M6E63KOM70100	MW646G5G5B17N03	MGBVP6310ZW
8E92Q	36"	M8E92K3M70100	MW915G3G8L17A04	MGBVP0064K



- Fans Available in: 120V or 240V; 60 Hz or 50 Hz; Single or Three Phase
- Fans built using "Q" motors, arms, and impeller



# Multifan

## Old Style Replacement Fans

(Fit in Existing Poly Fan Housing and Wall openings.)

Item#	Impeller Diameter	Voltage	Nominal RPM	AMP	Speed Cont.*
<b>120V</b>					
#MV4E3004P70	12"	120	1645	1.10	T+E
#MV4E4006P70	16"	120	1600	2.30	T+E
#MV4E4507P70	18"	120	1600	3.00	T+E
#MV4E5008P70	20"	120	1565	4.00	T+E
#MV6E6302P70	24"	120	1020	5.60	T+E
<b>240V</b>					
#MV2E3006P60	12"	240	3200	1.40	T+E
#MV4E3002P60	12"	240	1600	0.60	T+E
#MV4E4003P60	16"	240	1600	1.20	T+E
#MV4E4505P60	18"	240	1600	1.60	T+E
#MV4E5006P60	20"	240	1600	2.00	T+E
#MV6E6301P60	24"	240	1000	3.10	T+E

### Frames & Clips Only

Item#	Impeller Diameter	Description
#MVV16PF/CLIPS	16"	16" plastic frame w/ arm clips
#MVV18PF	18"	18" plastic frame w/ arm clips
#MVV20PF	20"	20" plastic frame w/ arm clips
#MVV24PF	24"	24" plastic frame only
#MVFLIPYT	CLIP	Clip for plastic frame 3/set



**⚠ WARNING:**

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# Pruden Polystainless Fans

- Full turn down weather hood for built in wind protection
- Stainless Steel Venturi offers tight blade tip clearance for efficient air delivery
- Stainless Steel motor mount hardware for easy inside removal.
- Replaceable plastic blades with aluminum hub.



Item#	Description	Hp	cfm/.04	cfm/.10	RO WxH
#PFPS-12C	12" w/ PVC shutter	1/6	1,395	1,325	18-3/4" x 18-3/4"
#PFPS16D	16" w/ PVC shutter	1/4	2,540	2,315	21-3/4" x 21-3/4"
#PFPS20E	20 w/ PVC shutter	1/4	3,320	3,060	25-3/4" x 25-3/4"
#PFPS20G	20 w/ PVC shutter	1/3	4,095	3,735	25-3/4" x 25-3/4"
#PFPS-20G	20 w/ PVC shutter	1/2	4,765	4,345	25-3/4" x 25-3/4"
#PFPS24H	24" w/ PVC shutter	1/3	5,210	4,680	29" x 29"



#HS9038

## Replacement Motors

Item#	Hp	Voltage	RPM	AMPS	Pruden #	Fan model
#HS9035	1/4	115/230	1625	3.2/1.6	PFM14	PFPS16D, PFPS20E
#HS9037	1/3	115/230	1625	4.2/2.1	PFM13B	PFPS20G
#R9002	1/2	115/230	1700	5.0/2.5	N/A	PFPS20GG
#HS9038	1/3	115/230	1100	3.8/1.9	PFM13	PFPS24, PFP24H

**⚠ WARNING:**

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## Replacement Shutters

Item#	Size	Fan Model
#101081	17-1/2" x 17-1/2"	PFPS12C
#10111	20" x 20"	PFPS16D
#10115-5	22-1/2" x 22-1/2"	PFPS20E, 20G, 20GG
#10118-5	27-1/2" x 27-1/2"	PFPS24H, 24C

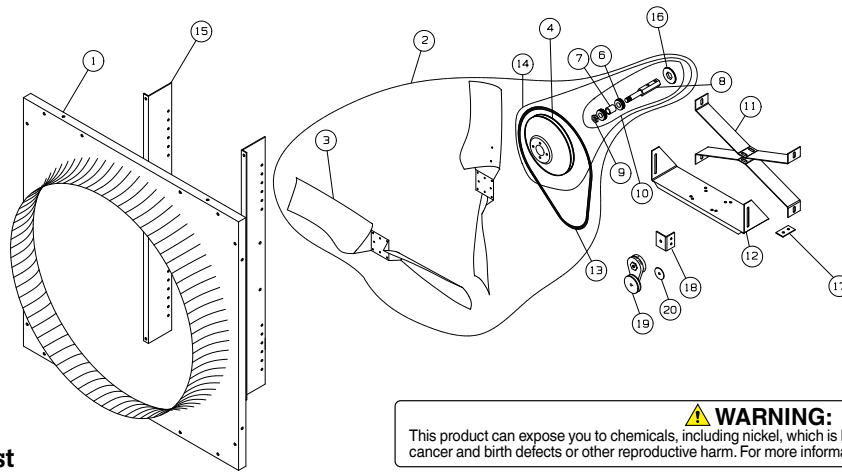


## Replacement Fan Blades

Item#	Bore	Pitch	RPM	Wings	Fan model
#PC12	1/2"	45°	1625	3	PFPS12C
#PFPB16D	5/8"	40°	1625	3	PFPS16D
#PG20	1/2"	40°	1725	3	PFPS20G
#PFPB20GG	1/2"	45°	1725	3	PFPS20GG
#HS17001	1/2"	45°	1100	4	PFPS24H, PFP24C



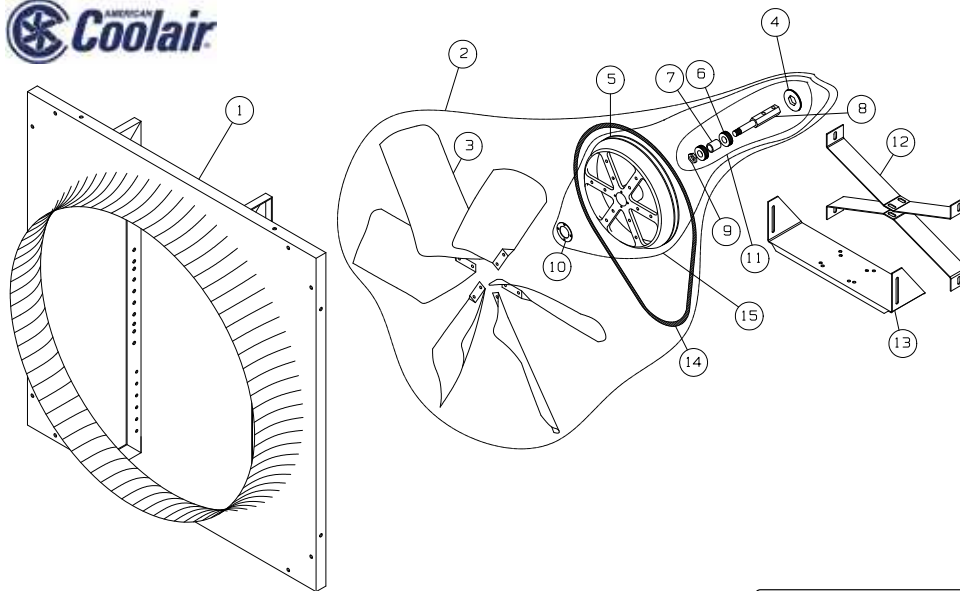
## Coolair NBRB52 Fan Parts List



### WARNING:

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Key	Description	CANBRB52	Key	Description	CANBRB52
1	Fan Panel	CA14-169-181-1	12	Motor Bracket	CA14-161-15-6
2	Blade Assembly	CA14-235-164-4	13	Belt	CA1247.3-65
3	Blades	CA14-113-86-1	14	Disc Assembly	CA14-229-11-5
4	Disc	CA14-132-31-1	15	Uprights	CA14-193-86-1
6	Bearings	CA12-31-3-2	16	Bearing Protector	CA12-174-62-2
7	Spacer	CA14-183-4-5	17	Shim	CA14-160-103-1
8	Shaft	CA14-180-20-1	18	Tensioner Bracket	CA14-158-68-1
9	Locknut	CA1202.7-5/8E	19	Rotary Belt Tensioner	CARB73
10	Shaft Assembly	CA14-208-5-1	20	Bearing Protector	CA14-126-79-1
11	X-Braces	CA14-115-6-5			



#CA14-113-44-1



#STD6203



#CA14-119-5-1



#CA12-174-62-3



#CA14-183-4-3



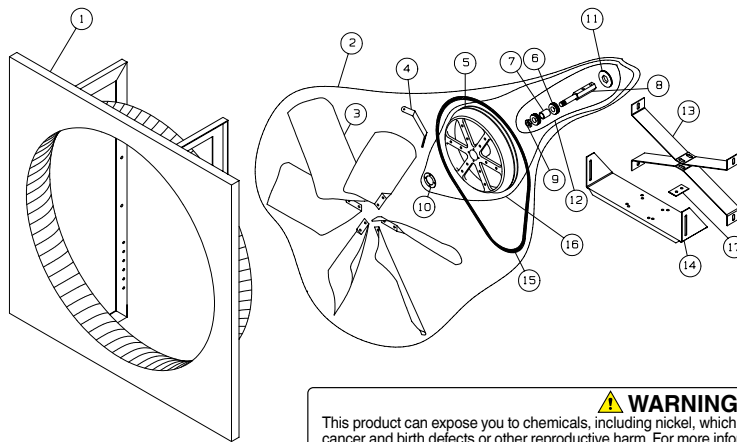
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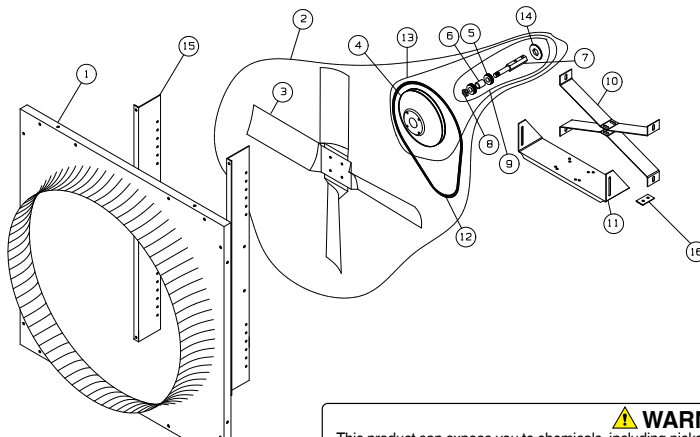
## Coolair NCF36-48 Fan Parts List

Key	Description	CANCF36	CANCF36	CANCF48	CANCFB48
1	Fan Panel Assembly	CANCF36/LBA	CANCF36/LBA	CANCF48/LBA	CANCFB48/LBA
2	Blade Assembly	CA14-235-63-1	CA14-235-62-1	CA14-235-90-1	CA14-235-72-1
3	Blades	CA14-113-33-1	CA14-113-33-1	CA14-113-60-1	CA14-113-44-1
4	Bearing Protector	CA12-174-62-2	CA12-174-62-2	CA12-174-62-3	CA12-174-62-3
5	Disc	CA14-132-17-1	CA14-132-17-1	CA14-132-15-1	CA14-132-15-1
6	Bearings	STD6203	STD6203	STD6205	STD6205
7	Spacer	CA14-183-4-5	CA14-183-4-5	CA14-183-4-3	CA14-183-4-3
8	Shaft	CA14-180-20-1	CA14-180-20-1	CA14-180-6-3	CA14-180-6-3
9	Locknut	CA1202.7-5/8E	CA1202.7-5/8E	CA1202.7-7/8E	CA1202.7-7/8E
10	Bearing Cap	CA14-119-4-1	CA14-119-4-1	CA14-119-5-1	CA14-119-5-1
11	Shaft Assembly	CA14-208-5-1	CA14-208-5-1	CA14-208-5-5	CA14-208-5-5
12	X-Braces	CA14-115-6-4	CA14-115-6-4	CA14-115-6-5	CA14-115-6-5
13	Motor Bracket	CA14-161-15-5	CA14-161-15-5	CA14-161-15-6	CA14-161-15-6
14	Belt	HSA58	HSA58	HSA71	HSA71
15	Disc Assembly	CA14-229-10-4	CA14-229-10-4	CA14-229-10-7	CA14-229-10-7



## Coolair NBF Fan Parts List

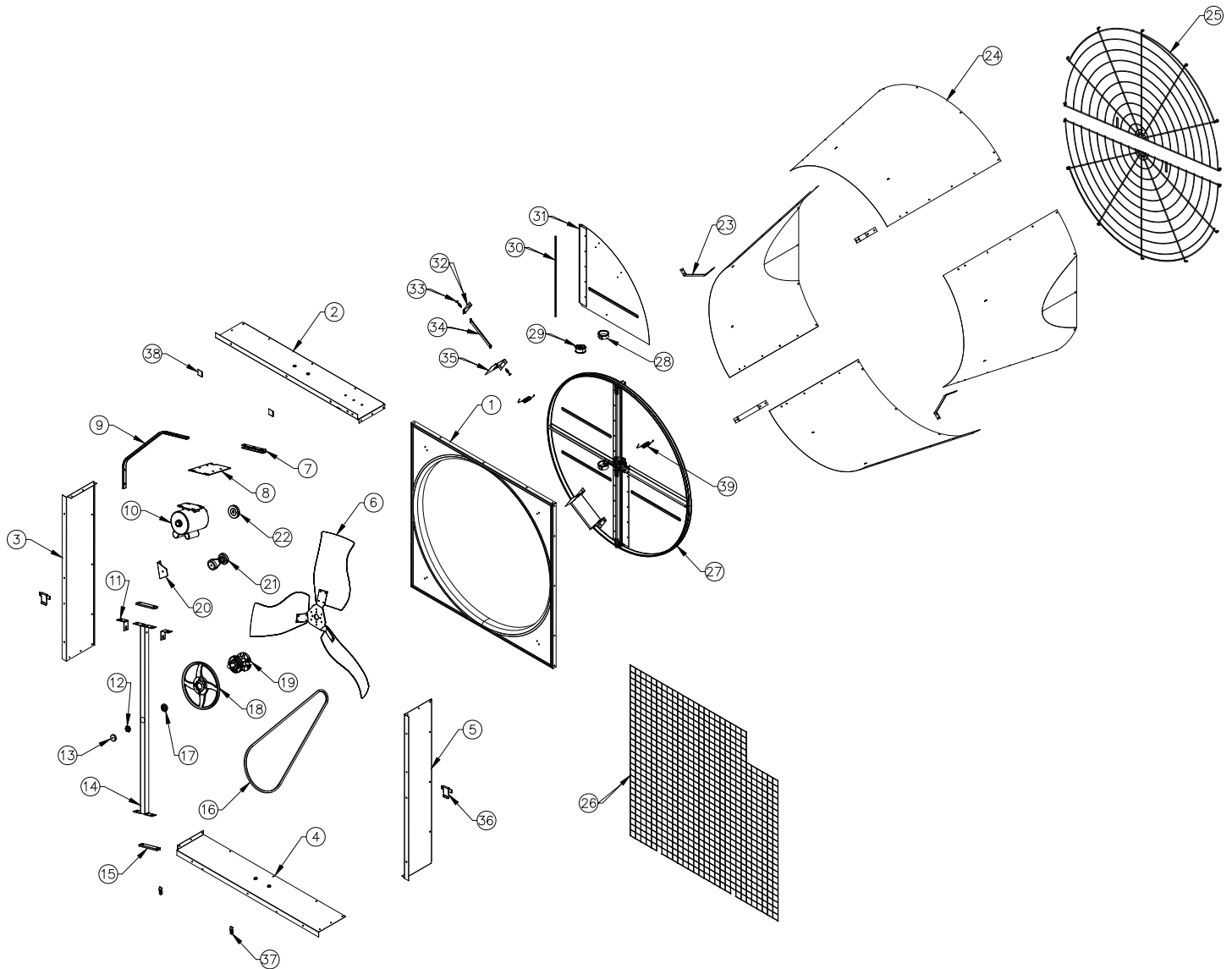
Key	Description	CANBF24	CANBF30	CANBF36	CANBF42	CANBF48	CANBFA54
1	Fan Panel Assembly	CALL	CALL	CANBF36/LBA	CALL	CANBF48/LBA	CALL
2	Blade Assembly	CA14-235-68-1	CA14-235-69-1	CA14-235-62-1	CA14-235-71-1	CA14-235-72-1	CA14-235-97-1
3	Blades	CA14-113-38-1	CA14-113-40-1	CA14-113-77-1	CA14-113-42-1	CA14-113-44-1	CA14-113-61-1
4	Struts	-	-	-	-	-	CA14-186-23-1
5	Disc	CA14-132-13-1	CA14-132-13-1	CA14-132-17-1	CA1408.13-1	CA14-232-15-1	CA14-232-15-1
6	Bearings	CA12-31-3-2	CA12-31-3-2	CA12-31-3-2	CA12-31-3-2	CA12-31-5-2	CA12-31-5-2
7	Spacer	CA14-183-4-1	CA14-183-4-1	CA14-183-4-5	CA14-183-4-5	CA14-183-4-3	CA14-183-4-3
8	Shaft	CA14-180-6-4	CA14-180-6-4	CA14-180-20-1	CA14-180-20-1	CA14-180-6-3	CA14-180-6-3
9	Locknut	CA1202.7-5/8E	CA1202.7-5/8E	CA1202.7-5/8E	CA1202.7-5/8E	CA1202.7-7/8E	CA1202.7-7/8E
10	Bearing Cap	CA14-119-4-1	CA14-119-4-1	CA14-119-4-1	CA14-119-4-1	CA14-119-5-1	CA14-119-5-1
11	Bearing Protector	CA12-174-62-2	CA12-174-62-2	CA12-174-62-2	CA12-174-62-2	CA12-174-62-3	CA12-174-62-3
12	Shaft Assembly	CA14-208-5-3	CA14-208-5-3	CA14-208-5-1	CA14-208-5-1	CA14-208-5-5	CA14-208-5-5
13	X-Braces	CA14-115-6-1	CA14-115-6-1	CA14-115-6-2	CA14-115-6-2	CA14-115-6-2	CA14-115-6-2
14	Motor Bracket	CA14-161-15-1	CA14-161-15-1	CA14-161-15-3	CA14-161-15-3	CA14-161-15-3	CA14-161-168-1
15	Belt	CALL	CA12471-48	CA12471-58	CA12471-61	CA12471-71	CA12471-75
16	Disc Assembly	CA14-229-10-2	CA14-229-10-2	CA14-229-10-4	CA14-229-10-6	CA14-229-10-7	CA14-229-10-7
17	Shim	-	-	-	-	-	CA14-160-103-1



## Coolair NEF36/NEFC48/NEFB52/NEF54 Fan Parts List

Key	Description	CANEF36	CANEF48	CANEFB52	CANEF54
1	Fan Panel	CA14-169-148-1	CA14-169-180-1	CA14-169-181-1	CA14-169-211-1
2	Blade Assembly	CA14-235-125-1	CA14-235-126-3	CA14-235-165-2	CA14-235-195-1
3	Blades	CA14-113-68-1	CA14-113-69-2	CA14-113-86-1	CA14-113-86-2
4	Disc	CA14-132-23-1	CA14-132-31-1	CA14-132-31-1	CA14-132-31-1
5	Bearings	CA12-31-3-2	CA12-31-3-2	CA12-31-3-2	CA12-31-3-2
6	Spacer	CA14-183-4-5	CA14-183-4-5	CA14-183-4-5	CA14-183-4-5
7	Shaft	CA14-180-20-1	CA14-180-20-1	CA14-180-20-1	CA14-180-20-1
8	Locknut	CA1202.7-5/8E	CA1202.7-5/8E	CA1202.7-5/8E	CA1202.7-5/8E
9	Shaft Assembly	CA14-208-5-1	CA14-208-5-1	CA14-208-5-1	CA14-208-5-1
10	X-Braces	CA14-115-6-4	CA14-115-6-7	CA14-115-6-5	CA14-115-6-5
11	Motor Bracket	CA14-161-15-5	CA14-161-15-5	CA14-161-15-6	CA14-161-15-6
12	Belt	CA12471-44	CA1247.3-65	-	CA1247.3-65 -
13	Disc Assembly	CA14-229-10-9	CA14-229-11-5	CA14-229-11-5	CA14-229-11-5
14	Bearing Protector	CA12-174-62-2	CA12-174-62-2	CA12-174-62-2	CA12-174-62-2
15	Uprights	CA14-193-86-2	CA14-193-86-1	CA14-193-86-1	CA14-193-86-4
16	Shim	-	-	CA14-160-103-1	CA14-160-103-1





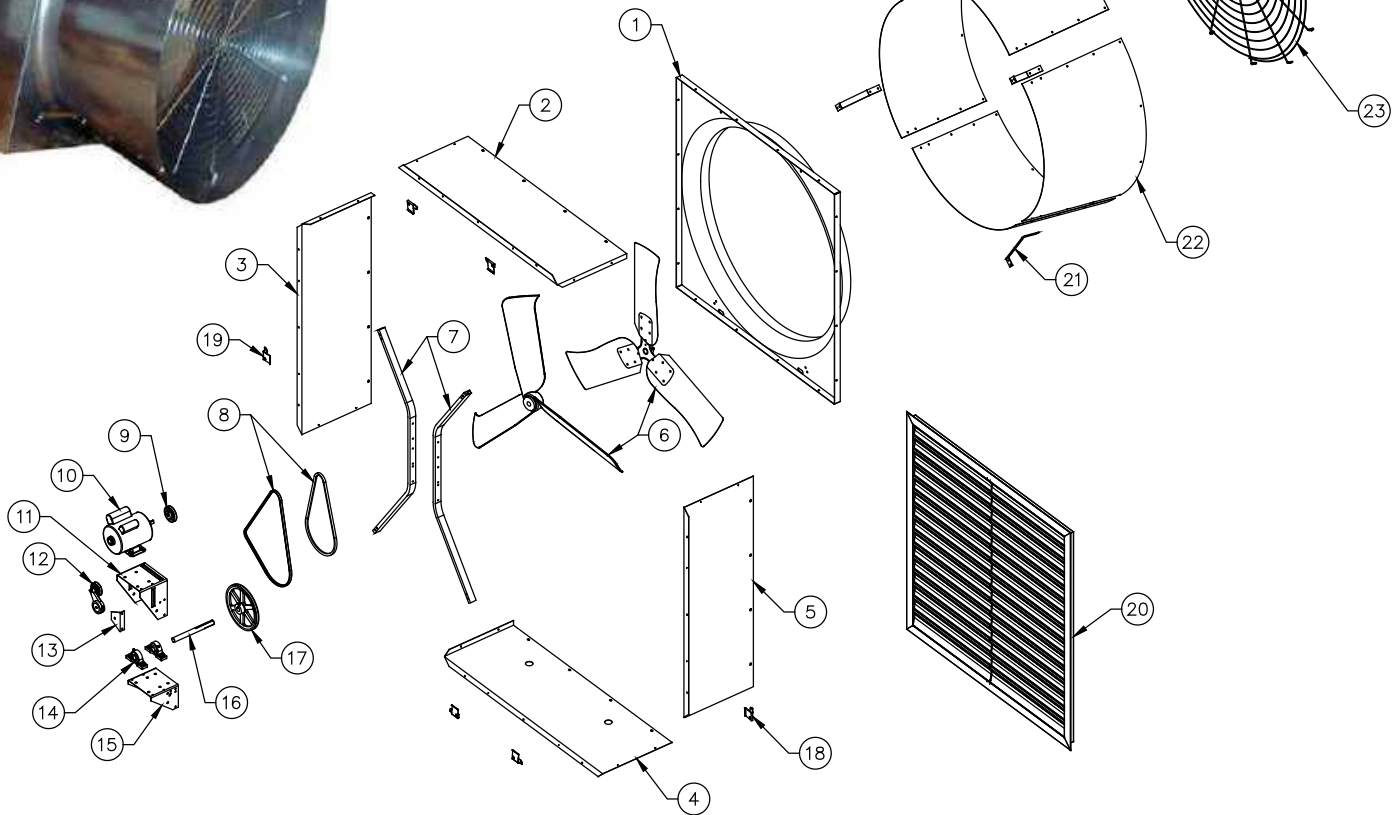
## Aerotech Dragonfly

Key	Item#	Description	Qty.
1	FH1951	Orifice panel, galv.	1
2	FH3961	Top housing panel, galv.	1
3	FH3962	Left/Right side housing panel, galv.	1
4	FH3960	Bottom housing panel, galv.	1
5	FH3962	Left/Right side panel of housing, galv.	1
6	FP2549	Prop assembly, 3-blade, galvanized	1
7	FH2429	Support Bracket for motor mounting plate, galv.	1
8	FH2846	Mounting Plate for NEMA 56 motor	1
9	FH2428	Center support brace for Strut, galv.	1
10	FM1024*	Motor, 1HP, 1725 RPM, 56Fr., 1ph, 120/240	1
11	FH1302	Reinforced Brackets for Strut, galv.	2
12	KN1860	Hex nut, M25x10mm, zinc plated	1
13	KX1208	Cover plastic	1
14	FH1930	Strut, galvanized	1
15	FH1932	Spacer plate, plastic	2
16	FH1505*	V-belt, 87" A-section (A85), aramid fiber	1
17	KX1130	Bushing, aluminum	1
18	FH2137*	Propeller sheave, aluminum	1
19	FP2060	Hub with bearing and shaft	1
20	FH2504	Mounting bracket for belt tensioner	1
21	FH2402	Belt tensioner assembly with 3" idler pulley	1
	FH2406	3" idler pulley only, with bolt	1

### **⚠ WARNING:**

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Key	Item#	Description	Qty.
	FH2419	Tensioner arm only, aluminum	1
22	FH2138*	Motor Sheave AK35x5/8" bore with keyseat, CI	1
23	FH2130	Cone support bracket, GC type, galv.	4
24	FH4349	Discharge cone (Top/Bottom section), galv.	2
	FH4450	Discharge cone (Left/Right section), galv.	2
25	FH2654	Guard, Flat side cone, 1/2 circle, pvc coated	2
26	FH1750	Inlet guard, 56" S.Q., 2" x 2", galv.	1
27	DG1050	Assembly, Dragonfly, 50" fan	1
28	KX1459	Spring, Constant force, 1" W, 1.15LB	2
29	AC2072	Spring reel spool, 2.75" O.D., 1.25"W.	2
30	FA2712	Tube, Hinge, 26.2"L	4
	FA2722	50" Dragonfly door. flat	2
	FA2724	50" Dragonfly door, offset	2
32	FA1732	Short wing support bracket	2
33	KX1043	5/16" Push-in fastener, nylon	4
34	FA1733	Dragonfly door wing	2
35	FA1730	Tall wing support bracket	2
36	FH1965	Universal shutter clip, galvanized	2
37	KX1015	Draw latches	2
38	FH1278	Guard support clips	2
39	KX1470	Retainer Spring 239 KX1470 Retainer Spring	2



Ventilation Systems

## Grower Fans with Galvanized Cones

### ⚠ WARNING:

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Key	Description	GB36VxCP	GB365VxCP	GB481VxCP	QTY
1	Orifice Panel, galvanized	AFH3136	AFH1248	AFH1252	1
2	Top Housing Panel, galvanized	AFH2201	AFH2201	AFH2221	1
3	Right Housing Panel, galvanized	AFH2201	AFH2201	AFH2221	1
4	Bottom Housing Panel, galvanized	AFH2204	AFH2204	AFH2224	1
5	Left Housing Panel, galvanized	AFH2201	AFH2201	AFH2221	1
6	Propeller, galvanized	AFP1041	AFP1041	AFP1042	1
7	Strut, galvanized	AFH2094	AFH2436	AFH2448	2
8	Link Belt	-	AFH2083	AFH2053	1
	Aramid Fiber Belt	-	AFH1503	AFH1518	1
9	Motor Sheave	-	AFH2003	AFH2029	1
10	Motor, 1 Hp, 1725 RPM, 56Fr, 1 ph, 208-230/115 V	HS9005*	HS9015	HS9000	1
11	Motor Support	-	AFH2815	AFH2818	1
12	Belt Tensioner Assembly with 3" idler pulley	-	AFH2402	AFH2402	1
	3" idler pulley only, w/ bolt	-	AFH2406	AFH2406	1
	Tensioner Arm only, aluminum	-	AFH2419	AFH2419	1
	Mounting Bracket for Belt Tensioner	-	AFH2504	AFH2504	1
14	Bearing, 1" bore x 1.44"CL, CI Holder	-	16G	16G	2
15	Bracket, bearing mount, galvanized	-	AFH2815	AFH2815	1
16	Shaft, 1" dia., steel	-	AFH2086	AFH2101	1
17	Propeller Sheave	-	AFH2091	PAK1041	1
18	Shutter clip, left, galvanized	AFH2110	AFH2110	AFH2110	VARIES
19	Shutter clip, right, galvanized	AFH2111	AFH2111	AFH2111	
20	Shutter, all plastic	101203-1-8	101203-1-8	101209-1-8	1
21	Cone Support Bracket, GC type, galvanized	AFH2130	AFH2130	AFH2130	4
22	Discharge cone, galvanized, (I) Section	AFH4236	AFH4236	AFH4248	4
23	Guard Kit, 48FC/48GC cone, PVC CTD, w/Hardware	AFH1336	AFH1336	AFH2648	1

# Cumberland Butterfly Fans

## 36" Fan

• 1/2-HP motor • 9,984 CFM

## 50" Fan

• 1-HP motor • 22,400 CFM

- #G50SCL16GA.....Galv. slant wall w/cone
- #101210.....54" black shutter
- #GCGSB36.....36" 1/2 slant wall belt drive w/o shutter
- #101202.....39" black shutter

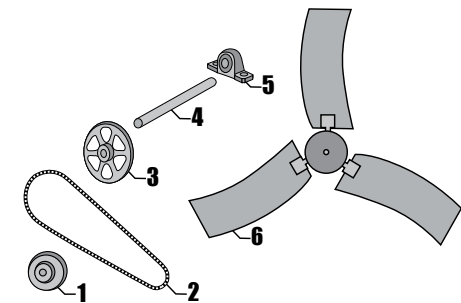
### WARNING:

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## Cumberland Butterfly Fan Performance

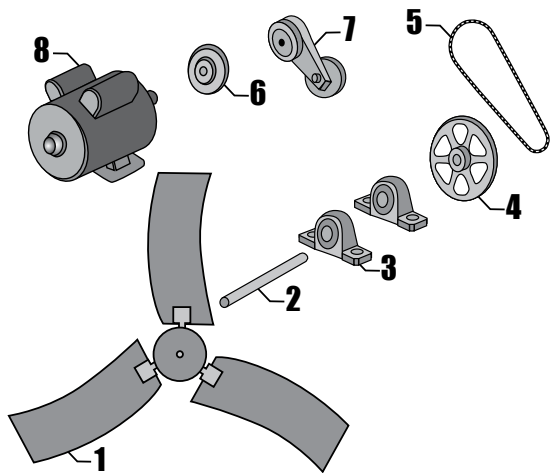
Model	RPM	HP	VOLTAGE	.05-SP	CFM/WATT	.10-SP	GFM/WATT
G50CBF16GAHF	638	1.5	115/230	25,427	21.5	23,603	18.9
G54CBF16GAHF	594	1.5	115/230	30,500	20.5	29,500	19.8



## Cumberland Butterfly Fan Replacement Parts

• Parts shown for 1-phase, 60Hz application. Call for others.

- (1) #PAK3958.....Pulley (motor) for 50" fan
- (1) #PAK3458.....Pulley (motor) for 36" & 54" fans
- (2) #HSA38.....Fan Belt 36"
- (2) #HSA58.....Fan Belt 60" (for 50" & 54" fans)
- (NS) #HS9015A.....Motor for 36" Belt drive
- (NS) #HS9010A.....Motor for 50" Belt drive
- (3) #G16-0014.....Pulley (prop) for 36" fan
- (3) #PAL1041.....Pulley (prop) for 50" & 54" fan
- (4) #G16-0045.....Shaft 36"
- (4) #SHAFT1-1150.....Shaft 50"
- (5) #16G.....Bearing 36" & 50"
- (6) #HSFP-001.....Prop Blade for 36" fan
- (6) #HSFP-007.....Prop Blade for 50" fan
- (6) #HS900-54CA.....Prop Blade for 54" fan



## Replacement Parts for Hired Hand Mega Flow Fans

- 1) #H6403-9202.....Steel, 36"
- 1) #H6403-5010.....Steel, 3 Blade, 48"
- 1) #G13-0239.....Steel, 3 Blade, 52"
- 1) #HS900-54CA.....Steel, 3 Blade, 54"
- 2) #SHAFT1-1563.....1" x 16" shaft
- 3) #16G.....Pillow blocking bearing
- 4) #H1011-5002.....prop pulley - 36"
- 4) #PAFD104100.....prop pulley - 48" & 52"
- 5) #HSAX44.....V-belt - 36"
- 5) #HSAX49.....V-belt - 48" & 52"
- 6) #PAK3458.....Motor pulley - 36"
- 6) #PAK3458.....Motor pulley - 48"
- 6) #PAK3958.....Motor pulley - 52"
- 7) #FS0605ZF.....3.5" Idler arm assembly
- 7A) #VX4004.....Pulley only
- 8) #HS9015A.....Motor 1/2 Hp 1725 rpm 115/230 - 36"
- 8) #HS9000.....Motor 1 Hp 1725 rpm 240V for 48" & 52" Fans

## Hired Hand Replacement Props for Hired Hand Funnel Flow Fans

Item#	Description	Fan
#HSFP-003	Prop, Aluminum, 4 Blade	FF-18
#H6403-0121	Prop, Stainless Steel, 4 Blade	FF-24
#H6403-6112	Prop, Composite, 3 Blade	FF-36 DD
#H6403-6118	Prop, Composite, 3 Blade	FF-36 BD
#H6403-6111	Prop, Composite, 3 Blade	FF-48 HF
#H6403-6111	Prop, Composite, 3 Blade	FF-48 STANDARD
#HSFP-009	Prop, Stainless Steel, 3 Blade	FF-48 HE
#H6403-6113	Prop, Composite, 3 Blade	FF-52



## Replacement Motors

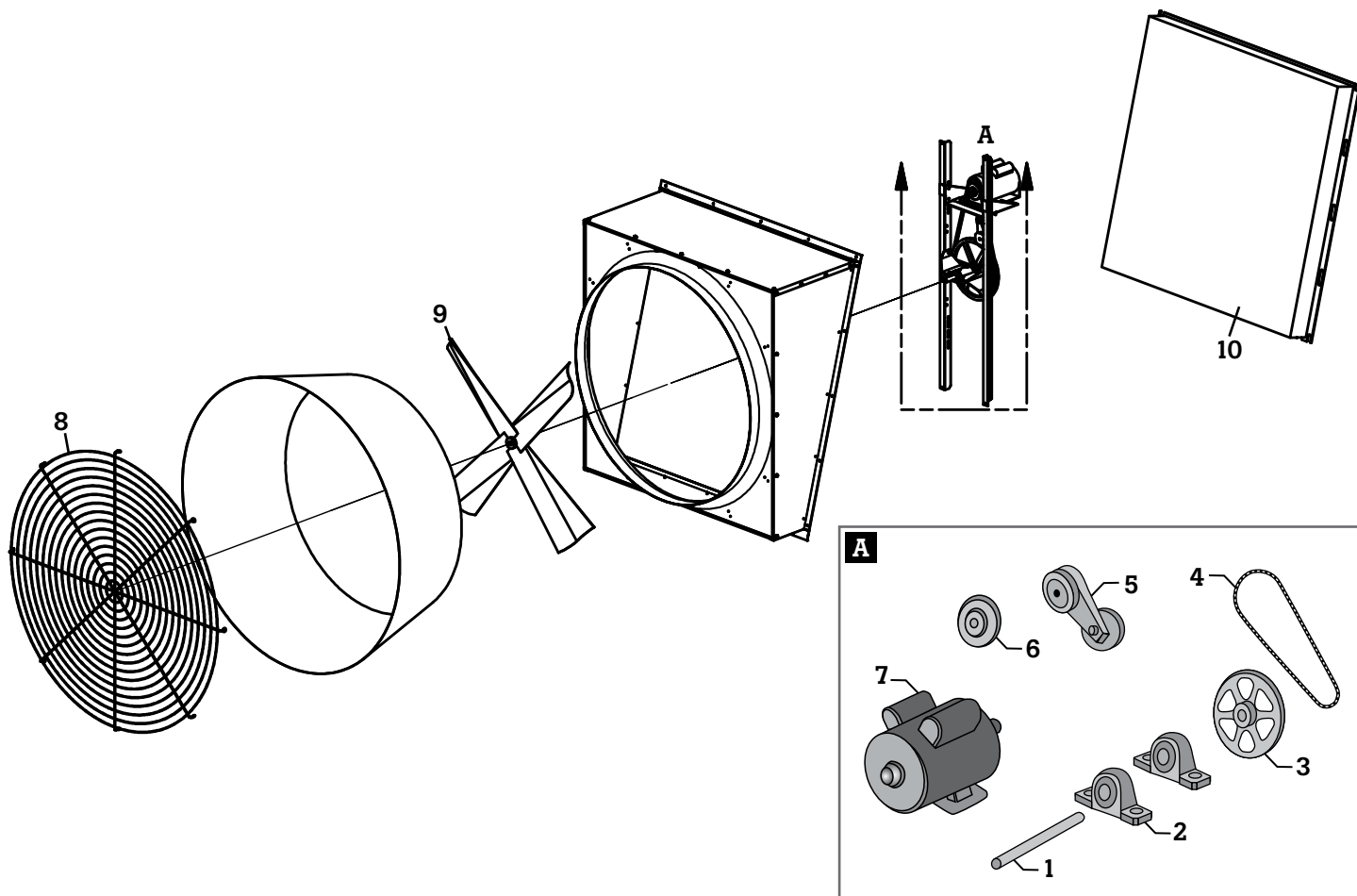
Item#	Description	Fan
#H3017-5024	1/4 Hp, 240v, 1 ph, 1725 rpm	FF-14
#H3017-5024	1/4 Hp, 240v, 1 ph, 1725 rpm	FF-18
#H3017-5018	1/3 Hp, 240v, 1 ph, 1100 rpm	FF-24
#H3017-0136	1/2 Hp, 240v, 1 ph, 1725 rpm	FF-36 BD
#H3017-5036	1/2 Hp, 240v, 1 ph, 850 rpm	FF-36 DD
#H3017-3099	1 Hp, 240v, 1 ph, 1725 rpm	FF-48 HF



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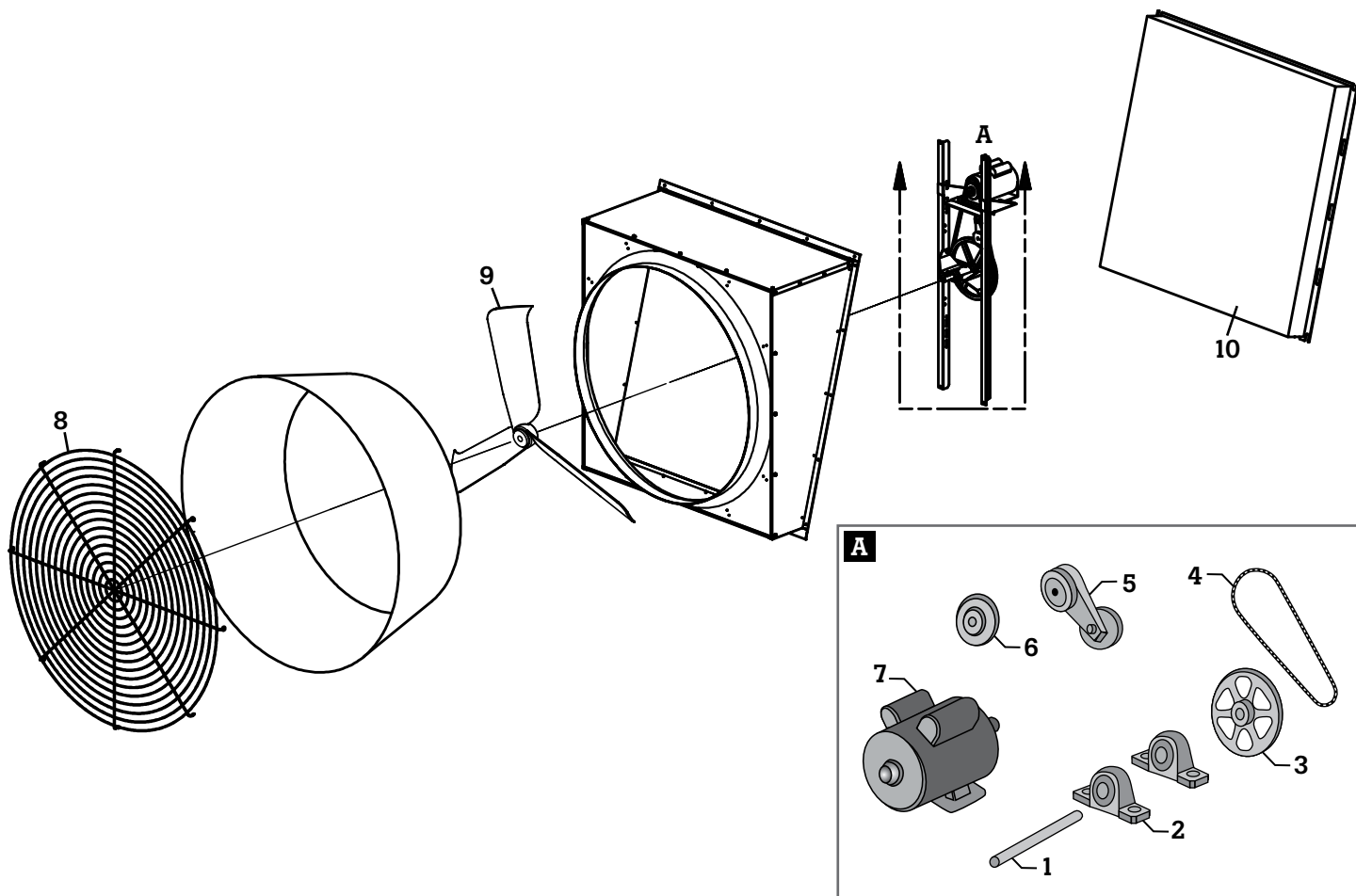


### Cumberland Mega Flow 36-Inch - #G6603-10003

Key	Item#	Description
1	SHAFT1-763T	Shaft 1" x 7-5/8"
2	UCP20516G5	Pillow Block Bearing - 1"
3	AFD84100	Pulley - 8.25"
4	BAX47	Belt, AX47, Cogged
5	FS0604ZF	Idler Assy 3.00" V-Belt AL
6	PAK3458	Pulley AK34-5/8
7	HS9015A	Motor, 1725 RPM, 1/2 hp, 115/208-230
8	G6403-0135	Guard, Galv FF 36" - 2.00" Cone
9	G13-0234	Prop, Galv, 36" 4 Blade
NS	47813	Key Shear 1/4" x 1/4" X 1.00"
10	H6611-9022	Shutter 45.5" x 45.5", Galv Frame & Alum Louvers
NS	G1040-0105	Latch, Draw Tension Zinc Latch
NS	Cone	
	G0404-10291	36/48 Cone Brkt (4 Req)
	G0404-10048	36" Cone Sections (4 Req)
NS	Galvanized Housing	
	G0404-10246	36" Cone Sup Brkt
	G0404-6973	36" Panel Bottom
	G0404-6974	36" Panel Top
	G0404-6975	36" Panel Left
	G0404-6976	36" Panel Right
	G0404-10047-B0	36" Orifice
	G0404-10057	36" Vert Support

#### WARNING:

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### Cumberland Mega Flow 48-Inch - #G6603-10002

Key	Item#	Description
1	SHAFT1-763T	Shaft-1" x 7-5/8"
2	UCP20516G5	Pillow Block Bearing - 1"
3	PAFD104100	Pulley - 10.4"
4	BAX60	Belt, AK60, Cogged
5	FS0604ZF	Idler Assy 3.00" V-Belt AL
6	PAK3258	Pulley AK32-5/8
7	HS9000	Motor, 1725 RPM, 1 hp, 120/240
8	G6403-0143	Guard-48 2" Cone
9	G13-0235	Prop, Galv.48-B, 3 Blade, Lg Orf
NS	47813	Key Shear 1/4" x 1/4" x 1.00"
10	H6611-9023	Shutter, 54.25 x 54.25, w/ Galv Frame & Alum Louvers
NS	G1040-0105	Latch, Draw Tension Zinc Latch
NS		Cone
	G0404-10291	36/48 Cone Brkt (4 Req)
	G0404-10332	48" Cone Section (4 Req)
NS		Galvanized Housing
	G0404-11495	48" Cone Sup Brkt
	G0404-6977	48" Panel Bottom
	G0404-6978	48" Panel Top
	G0404-6979	48" Panel Left
	G0404-6980	48" Panel Right
	G0404-10318-BO	48" Orifice
	G0404-10335	48" Vert Support

### Cumberland Mega Flow 54-Inch - #G6603-10000

Key	Item#	Description
1	SHAFT1-763T	Shaft, 1" x 7-5/8"
2	UCP20516G5	Pillow Block Bearing - 1"
3	G12-0493	Nylon Pulley Afd - 9.93"
4	BAX52	Belt, AX52, Cogged
5	FS0604ZF	Idler Assy 3.00" V-Belt
6	PAK3458	Pulley, AK34-5/8
7	HS9014C	Motor, (Rev Rot), 1750 RPM 1.5 Hp 115-208/230
8	G11-0409	Guard, Grill, 70-5/8"
9	G13-0233	Prop, 54" Galv (Low Sp)
NS	47813	Key Shear 1/4" X 1/4" x 1.00"
10	H6611-9028	Shutter 59.5 x 59.75, w/ Galv Frame & Alum Louvers
NS	G1040-0105	Latch, Draw Tension Zinc Latch
NS		Cone
	G0404-10652	54" Cone Brkt
	G0404-11450	54" Tab Cone Side
	G0404-11451	54" Tab Cone Top/Bottom
NS		Galvanized Housing
	G0404-10362	54" Cone Sup Brkt
	G0404-10640	54" Panel B0tt0m
	G0404-10641	54" Panel Top
	G0404-10642	54" Sw Panel Right
	G0404-10643	54" Sw Panel Left
	G12-0769	54" Orifice
	G12-0772	54" Vert Support

#### **WARNING:**

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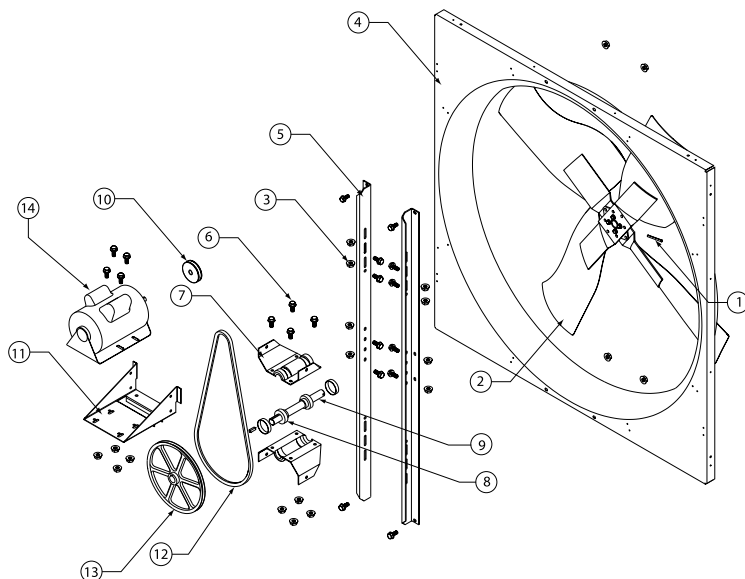
## Replacement ACME BDR48 Fan Housings

Constructed of 20 ga. Galvanized G90 steel, these replacement housings work for multiple ACME BDR48 Shallow Housing applications.

#HSBDR48-RK.....Shallow Housing Kit

### ⚠ WARNING:

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## Acme Fan Replacement Parts

- |   |   |
|---|---|
| 1) #EE941365.....Roll Pin                         | 10) #PAK3058.....Motor Pulley 48" Fan               |
| 2) #EE125330.....36" Fan Blade Propeller          | 11) #EE121481.....Motor Base 36" Fan                |
| 2) #HS900-48B.....48" Fan Blade Propeller         | 11) #EE121484A.....Motor Base 48" Fan               |
| 4) #EE121321B.....Orifice Frame for 48" Fan       | 12) #HSAX38.....Fan Belt 36" Fan Motor on Top       |
| 4) #EE125244.....Orifice Frame for 36" Fan        | 12) #HSAX28.....Fan Belt 36" Fan Motor on Bottom    |
| 6) #605082.....Bolt 5/16" x 3/4" length           | 12) #HSA58.....Fan Belt 48" Fan Motor on Top        |
| 7) #EE121316.....Bearing Base for 36" Fan         | 12) #HSA46.....Fan Belt 48" Fan Motor on Bottom     |
| 7) #EE121317.....Bearing Base for 48" Fan         | 13) #EE129057.....Fan Pulley for 36" Fan            |
| 8) #EE129056.....Bearing & Shaft Assy. 36" fan    | 13) #PAL11425MM.....Fan Pulley for 48" Fan          |
| 8) #HS129058.....Bearing & Shaft Assy. 48" fan    | 14) #HS9015A.....1/2 Hp Motor Standard Duty for 36" |
| 9) #EE121185.....Shaft For 36" Acme Fan Old Style | 14) #HS9010A.....1 Hp Motor Standard Duty for 48"   |
| 9) #EE121193.....Shaft For 48" Acme Fan Old Style | 14) #HS9000.....1 Hp Motor Heavy Duty for 48"       |
| 10) #PAK2358.....Motor Pulley 36" Fan             |   |



### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Bearing

• For Coolair and  
Acme products



- #STD6203.....fits 21/36" shaft  
#STD6205.....fits 1" shaft

## Fan Props



- #HS125331.....48" Prop  
#EE139177.....54" Prop

## Fan Pulleys



- #PAL11425MM.....48" Pulley w/ Keyway  
#PAK104H.....48" Pulley req. hub bushing #HS931450

## Hub Bushing for Pulley



- #HS931450.....Bushings

## Idler Pulley for Belt Tightener



- #HS993485.....Idler

## Shaft and Bearing Assembly



- #HS129058.....48"  
#HS125396.....54"

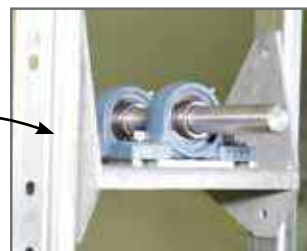
## Pillow Block Conversion Kits

Converts Acme, AirStorm or Windstorm drive system from encapsulated bearings to pillow block bearings for easier long term maintenance and lower replacement costs.

- #HSSCK100.....AirStorm AS-54EBDLP - Stainless  
#HSSCK200.....Windstorm WS-54SBDLA &  
WS-54PDBPG - Galv.  
#HSSCK200A.....Acme® 54" BDR - Galv.  
#HSSCK200B.....Acme® 48" BDR - Galv.



From this...



To this

\* Tapered bushing included in Acme models only.



Scan the  
QR Code for  
installation  
video



# DYNOFAN

**DYNOFAN is ideal for use in horse barns, garages, workshops, loading docks, patios, outdoor entertainment areas and more!**

- Heavy-duty steel fan basket and mounting arm
- Corrosion resistant black powder coated finish
- Suitable for use in high-moisture environments
- Balanced aluminum 3 prop blade
- Adjustable up to 140°

- Permanently sealed ball bearings
- Overload protection
- OSHA approved grille design
- 9' long SJTW cord
- UL 507 tested and rated



## DYN14SOO

### 14" Outdoor Stir Fan, 3-Speed

• **AIR DELIVERY**    Airflow\* ..... 2500/2200/1800

#### • SPECS

Motor size ..... 1/8 Hp  
Voltage ..... 120  
Speed ..... 3  
Amps ..... 1.08/.91/.79  
Rpm ..... 1550/1440/1250  
Frequency (Hz) ..... 60  
Speed controller included ..... Manual pull chain  
Cord included ..... Yes, 120V, prewired  
Cord Length ..... 9'  
Mount style ..... Ceiling/wall  
Mounted included ..... Pre-installed  
Guard spacing (in) ..... 1/2  
Product Weight (lb) ..... 15

#### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## DYN18SOO

### 18" Outdoor Stir Fan, 3-Speed

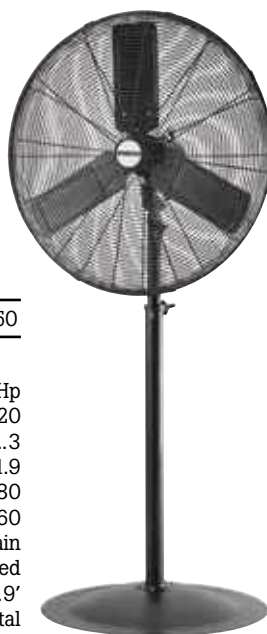
• **AIR DELIVERY**    Airflow\* ..... 6300/5300/4900

#### • SPECS

Motor size ..... 1/5 Hp  
Voltage ..... 120  
Speed ..... 3  
Amps ..... 1.45/1.36/ 1.27  
Rpm ..... 1570/1400/1000  
Frequency (Hz) ..... 60  
Speed controller included ..... Manual pull chain  
Cord included ..... Yes, 120V, prewired  
Cord Length ..... 9'  
Mount style ..... Ceiling/wall  
Mounted included ..... Pre-installed  
Guard spacing (in) ..... 1/2  
Product Weight (lb) ..... 23

#### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## DYN30POO

### 30" Oscillating Pedestal Fan

• **AIR DELIVERY**    Airflow\* ..... 9540/9090/7950

#### • SPECS

Motor size ..... 1/3 Hp  
Voltage ..... 120  
Speed ..... 3  
Amps ..... 1.9  
Rpm:- ..... 1080  
Frequency (Hz) ..... 60  
Speed controller included ..... Manual pull chain  
Cord included ..... Yes, 120V, prewired  
Cord Length ..... 9'  
Mount style ..... Pedestal  
Mounted included ..... Yes  
Guard spacing (in) ..... 1/2  
Product Weight (lb) ..... 75

**\* INTERNATIONAL  
STANDARDS**

#### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## DYN36BAO

### 36" High Velocity Drum Fan

• **AIR DELIVERY**    Airflow\* ..... 18360/14890

#### • SPECS

Motor size ..... 1/2 Hp  
Voltage ..... 120  
Speed ..... 2  
Amps ..... 3.8  
Rpm ..... 1110  
Frequency (Hz) ..... 60  
Speed controller included ..... Selection knob  
Cord included ..... Yes, 120V, prewired  
Cord Length ..... 9'  
Mount style ..... Ceiling/wall  
Mounted included ..... Pre-installed  
Guard spacing (in) ..... 1/2  
Product Weight (lb) ..... 65

#### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



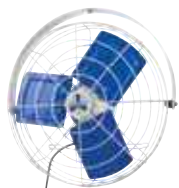
**⚠ WARNING:**  
This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## Windstorm Circulation Fans

- Wide spacing reduces the performance-robbing buildup of debris & feathers on the fan guard.
- Complete with pre-wired 10' cord for 115 volt.
- Totally enclosed motor with built-in three (18") or two (20" & 24") speed control

### WS-18C3 18" Circulation Fan 3-Speed



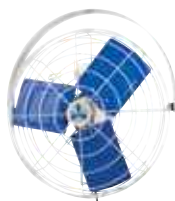
#### • AIR DELIVERY

Airflow	1730/1410/1120
BESS Test Number	c19595

#### • SPECS

Motor size	1/5
Voltage	120
Speed	3
Amps	.92/.73/.60
Rpm	1537/1244/955
Frequency (Hz)	60
Speed Controller Included:	Manual 3-sp
Cord Included:	Yes, 120 V, pre-wired
Cord Length:	10'
Mount Style:	Ceiling/wall
Mount Included:	Pre-installed
Guard Spacing (in):	2"
Product Weight (lb):	16

### WS-20C2 20" Circulation Fan 2-Speed



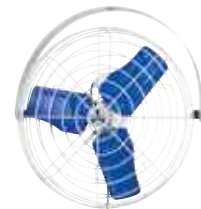
#### • AIR DELIVERY

Airflow	2070/1740
BESS Test Number	c21037

#### • SPECS

Motor size	1/11
Voltage	120
Speed	2
Amps	1.07/.89
Rpm	1068/880
Frequency (Hz)	60
Speed Controller Included:	Manual 2-sp
Cord Included:	Yes, 120 V, pre-wired
Cord Length:	10'
Mount Style:	Ceiling/wall
Mount Included:	Pre-installed
Guard Spacing (in):	2"
Product Weight (lb):	18

### WS-24C2 24" Circulation Fan 2-Speed



#### • AIR DELIVERY

Airflow	2720/2470
BESS Test Number	c21038

#### • SPECS

Motor size	1/7
Voltage	120
Speed	2
Amps	1.25/1.15
Rpm	1072/961
Frequency (Hz)	60
Speed Controller Included:	Manual 2-sp
Inverter Compatible:	No
Cord Included:	Yes, 120 V, pre-wired
Cord Length:	10'
Mount Style:	Ceiling/wall
Mount Included:	Pre-installed
Guard Spacing (in):	2"
Product Weight (lb):	24



## Windstorm Stir Fans



**⚠ WARNING:**  
This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

- Heavy galvanized ceiling mount bracket tilts to adjust airflow direction.
- Totally enclosed variable speed motor pairs with most speed controls (sold separately) to vary air delivery.
- 115/230 Volt motor. Pre-wired cord not included.

### WS-20CV 20" Stir Fan Variable Speed



#### • AIR DELIVERY

Airflow (thrust cfm)	3370
Efficiency (thrust cfm/W)	11.7
5xD Centerline Velocity (fpm)	1050
BESS Test Number	c20186

#### • SPECS

Motor size	1/3 Hp
Voltage	115/230
Speed	Single/variable
Amps	3.8/1.9
Rpm	1700
Speed Controller Included:	No
Cord Included:	No
Cord Length:	N/A
Mount Style:	Ceiling
Mount Included:	Yes
Guard Spacing (in):	1/2
Product Weight (lb):	36

### WS-24CV 24" Stir Fan Variable Speed



#### • AIR DELIVERY

Airflow (thrust cfm)	5200
Efficiency (thrust cfm/W)	12.1
5xD Centerline Velocity (fpm)	1190
BESS Test Number	c20187

#### • SPECS

Motor size	1/2 Hp
Voltage	115/230
Speed	Single/variable
Amps	4.8/2.4
Rpm	1725
Frequency (Hz)	60/50
Speed Controller Included:	No
Cord Included:	No
Cord Length:	N/A
Mount Style:	Ceiling
Mount Included:	Yes
Guard Spacing (in):	1/2
Product Weight (lb):	47

### WS-36CV 36" Stir Fan Variable Speed



#### • AIR DELIVERY

Airflow (thrust cfm)	9800
Efficiency (thrust cfm/W)	19
5xD Centerline Velocity (fpm)	1040
BESS Test Number	c20248

#### • SPECS

Motor size	1/2 Hp
Voltage	115/230
Speed	Single/variable
Amps	6.0/3.0
Rpm	825
Frequency (Hz)	60/50
Speed Controller Included:	No
Cord Included:	No
Cord Length:	N/A
Mount Style:	Ceiling
Mount Included:	Yes
Guard Spacing (in):	1/2
Product Weight (lb):	65



## Box Fans

Windstorm™ box fans provide outstanding performance at an affordable price. They feature heavy galvanized steel housings with a secure wire guard which is easily removed for service.

Item#	Hp	RPM	Thrust (cfm)	cfm/W
<b>WS-36BDD</b>	1/2	850	9,950	21.7
<b>WS-48BDD</b>	1	850	16,900	19.0

### ⚠ WARNING:

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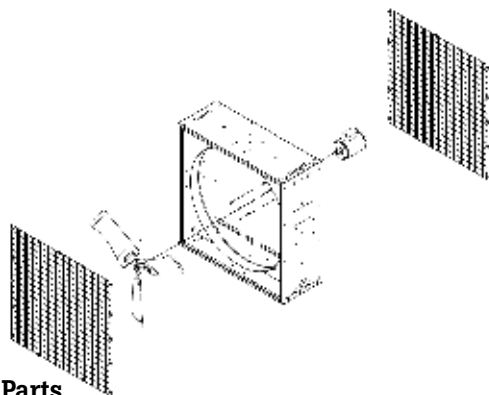
## Shutter Mounting Kit for Box Fans

Kit converts box fan for use as a wall mount exhaust fan. Kit includes:

- 3) Galvanized mounting brackets
- 17) Zinc screws
- 1) PVC Shutter

**#WS-36411** .....Includes 38" x 38" PVC shutter

**#WS-48411** .....Includes 52" x 52" PVC shutter



## 36" Box Fan Replacement Parts

**#HS9005A** ..... Motor, 1/2 Hp 850 RPM 115/230V 60Hz  
**#HS900-36D** ..... Prop 36" Galvanized 3 Blade 0.625" Shaft OD  
**#HSCS-002** ..... Cord SJ 14/3 9' 220 V  
**#WS-36A-5** ..... Wire Mesh Guard, 36"

## 48" Box Fan Replacement Parts

**#HS9084** ..... Motor, 1 Hp 850 RPM 230V 60Hz  
**#HS900-48A** ..... Prop 48" Galvanized 3 Blade 0.625" Shaft OD  
**#HSCS-002** ..... Cord SJ 14/3 9' 220 V  
**#WS-48403** ..... Wire Mesh Guard, 48"

\*For OSHA compliant guards, contact your local Hog Slat representative.



## 60" Updraft Paddle Fan

- 43,500 CFM
- 10" Stem
- .71 AMPs
- 120 Volt

**#NE190A-7R** ..... Updraft paddle fan, 60"

**#NE105F** ..... Control 5 Fan Infinite Speed 120 Volt

**#NE150F** ..... Control 8 Fan Infinite Speed 120 Volt

**#NE200F** ..... Control 12 Fan Infinite Speed 120 Volt



## Stir Fan Motors

- TEAO (totally enclosed air over)
- 115/230 volts
- 48Y Frame
- 60 Hz



Item#	HP	Fan Size	RPM
<b>HS9076</b>	1/3	20"	1725
<b>5330016</b>	1/2	24"	1725
<b>HS9082A</b>	1/2	36"	825

### ⚠ WARNING:

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## Replacement Blades

- Replacements for Schaffer, J&D and Windstorm stir fans

Item#	Size	Bore Size
<b>HSFP-011</b>	20"	1/2"
<b>HSFP-012</b>	24"	5/8"
<b>HSFP-013</b>	36"	5/8"

## Munter's Circulation Fan

- Corrosion-resistant housing
- Var speed 1/3 hp motor
- Flexible 4-point mounting
- Bird-guard kit available

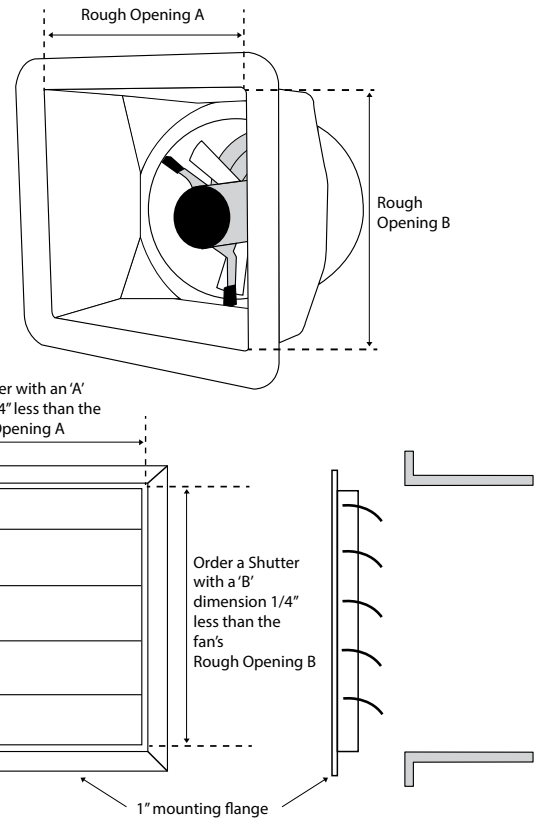


**#ACX24P1** .....24" plastic circ. fan



# PVC Fan Shutters

- Low maintenance
- PVC vanes with true airfoil design
- Heavy PVC frame with reinforced corners
- 1" flange
- Many sizes available
- Spring steel galvanized rods extended entire length of the shutter with unique lock down ends



**We build custom sizes!**

Item#	Color	Size (A x B)
10105	White	14" x 14"
10106	White	15" x 15"
10106-1	White	15-8/8" x 15-1/8"
10107	White	16" x 16"
10107-5	White	16-1/2" x 16-1/2"
10108	White	17" x 17"
101081	White	17-1/2" x 17-1/2"
10109	White	18" x 18"
10109-1	White	18-1/8" x 18-1/8"
10109-3	White	18-3/8" x 18-3/8"
10110A	White	19" x 19"
10111	White	20" x 20"
10112	White	21" x 21"
10112-3	White	21-3/8" x 21-3/8"
10112-5	White	21-1/2" x 21-1/2"
10112-6	White	21-5/8" x 21-5/8"
10113	White	22" x 22"
10113-5	White	22-1/2" x 22-1/2"
10115	White	24" x 24"
10115-3	White	24-3/8" x 24-3/8"
10115-5	White	24-1/2" x 24-1/2"
10116	White	25" x 25"
10116-8	White	25-7/8" x 25-7/8"
10117	White	26" x 26"
10118	White	27" x 27"
10118-3	White	27-3/8" x 27-3/8"
10118-5	White	27-1/2" x 27-1/2"
10118-6	White	27-5/8" x 27-5/8"
10118-75	White	27-3/4" x 27-3/4"
10119	White	28" x 28"
101192	White	30" x 30"
101195	White	33" x 33"
101195-5	White	33-1/2" x 33-1/2"
101196	White	34" x 34"
101196-5	White	34-1/2" x 34-1/2"
101198	White	36" x 36"
101198-3	White	36-3/8" x 36-3/8"

Item#	Color	Size (A x B)
101199	White	37" x 37"
101202	White	39" x 39"
101202-5	White	39-1/2" x 39-1/2"
101203-1	White	41" x 41"
101203-1-6	White	41-5/8" x 41-5/8"
101203-1-8	White	41-7/8" x 41-7/8"
101204	White	42" x 42"
101204-5	White	42-1/2" x 42-1/2"
101205	White	44" x 44"
101207	White	48" x 48"
101208-1-0	White	51" x 51"
101208-1-1	White	51-1/8" x 51-1/8"
101209-1-8	White	53-7/8" x 53-7/8"
101210-4	White	54" x 54"
101210-1	White	54-1/8" x 54-1/8"
101210	Black	54-1/8" x 54-1/8"
10211-1	White	55" x 56-1/2"
10211-2	White	55-1/8" x 56-3/4"
101212	White	58" x 58"

## Insulated Shutter Covers

AIC36	41-7/8" X 41-7/8" cover For 36" Fan
AIC48	53-7/8" X 53-7/8" cover For 48" Fan

## Clip Retainer Shutter

HS020	Clip Retainer Shutter
-------	-----------------------



# 24" Transition Hood with FasLock

The FasLock slide kit mounts to the poly transition and securely attaches the fan to the face of the hood.

- Constructed of UV resistant polypropylene.
- Bottom opening 31" x 33"
- Face opening 39" x 39"



Stainless Steel Slide Bar holds top flange securely in place.



Remove the slide bar and tip fan forward for maintenance or cleaning.

#628062PA.....24" Poly Transition  
#HSFLT-24A.....FasLock Mounting Kit

**⚠ WARNING:** This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## Hog Fan Guards

Item#	Fan Size	Guard (Part)	Painted Guard	Galvanized Guard
AS-24EDDLP	Airstorm 24"	N/A	8100410100	8100410200
AS-36EDDLP	Airstorm 36"	Panel (48"x16")	8100430100	8100110200
AS-54EBDLP	Airstorm 54"	Panel (63"x16")	8100440100	8100280200
		(2) Wall Brackets	2020760100	2020760200
		(2) Gate Rods	2020100100	2020100200

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## Stainless Steel Pit Transition

Pit transition for 24" fan mounts on pit sidewall over suggested concrete opening of 43" x 19". Reduces trash buildup in fan housing and allows use of discharge cone to increase fan delivery. Ships assembled.



#7990240500.....Stainless Steel Pit Transition

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## Pit Pump-out Cover

- Phenolic plastic impregnated 3/4" Finland birch plywood
- Superior product
- Non-warping

#84400.....5' x 6' pit cover



## Fiberglass Transition

#628062.....30" x 38' x 39"

## Wind Diverter

Wind diverter mounts on fan discharge to prevent strong winds from reducing CFM output. Fiberglass construction with stainless steel mounting arms. Fits most fans.



#HSWD-14.....14"  
#HSWD-18.....18"  
#HSWD-24.....24"  
#HSWD-36.....36"

**⚠ WARNING:** This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## Fan Cover

Constructed of durable, 6 oz. poly curtain material. The Fan Cover seals ventilation fans to reduce energy loss. White exterior with black exterior to limit light transmission. Secures around fan cone with adjustable shock cord and azium nut. Available in sizes 23" through 72"

#FANCVR62BW.....62" Round  
#FANCVR64BW.....64" Round  
#FANCVR66BW.....66" Round  
#FANCVR68BW.....68" Round



## Fan Cap

Manufactured from a durable, lightweight ripstop material. The Fan Cap seals ventilation fans to limit energy losses. An elastic strap holds the cap securely in place. When the fan powers up, the cap blows off to prevent damage. Stores easily in a small container when not in use.

#ISFC48.....36" - 52"  
#ISFC54.....54" and larger



## 24" Pit Transition Fan Complete

The Airstorm 24" pit transition fan incorporates a 24" panel fan, poly transition hood, and shutter into a single compact unit. Poly shutter slides in stainless steel channels for easy removal without tools. Rough opening is 22" x 30".



#AS24PTC .....24" Pit transition fan complete

## Replacement Parts

#HS9088C ..... 1/3 Hp motor, 1140 rpm, 115/208-230v  
 #HS900-24A ..... 24" fiberglass prop (req. transtorque)  
 #AS902-24EC ..... 24" fan guard  
 #HS903-1 ..... Transtorque, 1/2" w/ 7/8" bushing  
 #101194-5 ..... PVC Shutter 32-1/2" x 32-1/2"

\*24" panel fan performance data

Model	0.00" SP		0.05" SP		.10" SP		.15" SP	
	CFM	CFM/WATT	CFM	CFM/WATT	CFM	CFM/WATT	CFM	CFM/WATT
AS-24PTC	6500	14.7	6200	13.5	6000	12.6	5700	11.6

### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## Replacement Fan Motors for GrowerSELECT AirStorm and Airstream Performer Fans

- Removable plastic motor cap protects internal capacitor and provides access to wiring terminals.
- Water slinger protects moisture from being forced past the double bearings while fan is operating.
- Full 56 Frame motors with 5/8" interior shaft and double sealed ball bearings.
- You don't have to sacrifice performance to save money!



### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

Item#	Hp	RPM	Voltage	Amps	*AP OEM Part #	Fan Size
#HS9028KIT†	1/6	3300	115/230	1	15-0145	8" & 10"
#HS9007	1/4	1725	115/230	3.4/1.7	15-0109	14"
#HS9008	1/3	1725	115/230	3.8/1.9	15-0110	18"
#HS9006A	1/3	1075	115/230	3.4 /1.7	15-0105	24"
#HS9009A	1/2	850	115/230	6.2/3.3	15-0116	36"

†Single Speed • \*Use of Original Equipment Manufacturer part numbers is for reference only.



## Replacement Motors for Munters / Aerotech Fans

Item#	Hp	RPM	Voltage	Amps	*AP OEM Part #	Fan Size
#HS9031†	1/6	3250	120/240	1	FM1038	9"
#HS9003	1/8	1625	120/240	1.5/.75	FM1010	14"
#HS9002	1/3	1625	120/240	4.0/2.0	FM1009	18"
#HS9001A	1/3	1100	120/240	4.3/2.1	FM1008	24"

†Single Speed • \*Use of Original Equipment Manufacturer part numbers is for reference only.



## Single Speed Fan Motors

- TEAO motors
- Permanently lubricated ball bearing
- Dual start/run capacitors
- 5/8" Shaft
- Auto Overload



### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

Item#	RPM	Hp	Frame	Voltage	Amps	Use
#HS9005A	850	1/2	48	115/230	6.6/3.3	Direct Drive, 36"
#HS9015A	1725	1/2	56	115/208-230	5.3/2.6-2.6	Belt Drive, 36"
#HS9010C	1725	1	56	115/208-230	11.2/6.0-5.6	Belt Drive, 48"-50"
#HS9000A	1725	1	56	115/208-230	8.6/4.9/4.3	Belt Drive, 48"-50" (High S.F. 1.4 Motor**)
#HS9019C	1725	1-1/2	56	115/208-230	13.4/6.7-6.7	Belt Drive, 52"-54"
#HS9014C	1725	1-1/2	56	115/208-230	10.8/5.4	Belt Drive, 52"-54" (High S.F. 1.5 Motor**)

\*\*SF = Service Factor.





## Fan Pulleys



### Tensioner Idler Pulley - Chore-Time

#HB2100..... Tensioner idler pulley assembly  
3" w/zerk



### Tensioner Idler Pulley - Chore-Time

#FT1875 ..... Tensioner idler assembly 5.5" Arm  
3" Diameter, no zerk (Fenner Drive)



### Idler Pulley - Chore-Time

#VX3014.....Idler pulley kit 3" w/dust cap



### Idler Pulley - Chore-Time

#FS0604ZF .....Idler pulley assembly 5.5" w/arm  
3" Diameter w/zerk (Fenner Drives)



### Idler Pulley - Munters/Aerotech

#AFH2406 ... Metal pulley 3" A section 3/8" B C.I.  
for idler pulley



### Idler Pulley - Cumberland

#G91-0058 .....Idler Pulley 3" w/dust cap



### Idler Pulley - Cumberland

#FS0581ZF ..... Idler pulley assembly 3" w/zerk  
(Fenner Drives)



### Idler Pulley - Cumberland

#VX3004 ..... Idler pulley 3"



### Idler Pulley - Hired-Hand

#B1146 ..... Idler Pulley 4"



### Idler Pulley - Hired-Hand

#FS0605ZF ..... Idler pulley assembly 4" assembly  
w/arm w/zerk(Fenner Drives)



### Idler Pulley - Hired-Hand

#VX4004 ..... Idler Pulley 4"



### Idler Pulley

#VX3012 .....Idler pulley 3" SB002 Bushing 3/8" ID  
1/2" Shoulder



### Tensioner Assy - Windstorm and AirStorm

#HS903-3 .....With splash guard for belt drives  
except Windstorm 36"



### Tensioner Assy - Windstorm 36"

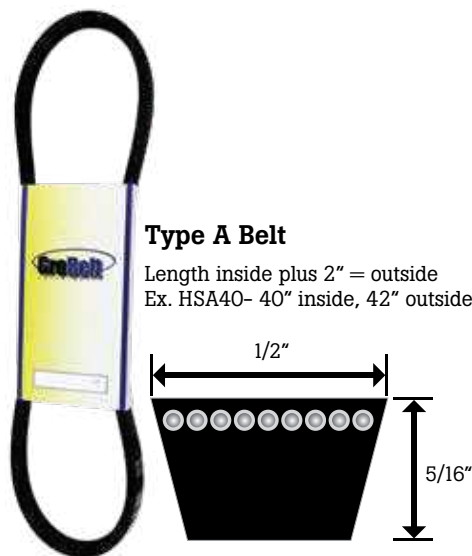
#HS903-8 ..... 1.7"



# GroBelt

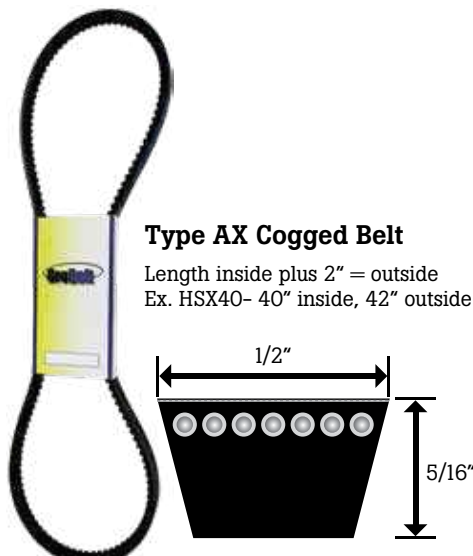
DRIVE BELTS HOGSLAT

- Built of WEAR RESISTANT high modulus compression rubber.
- Embedded with LOW STRETCH polyester fiber cable cords.
- Neoprene outer ply to PREVENT SLIPPAGE.



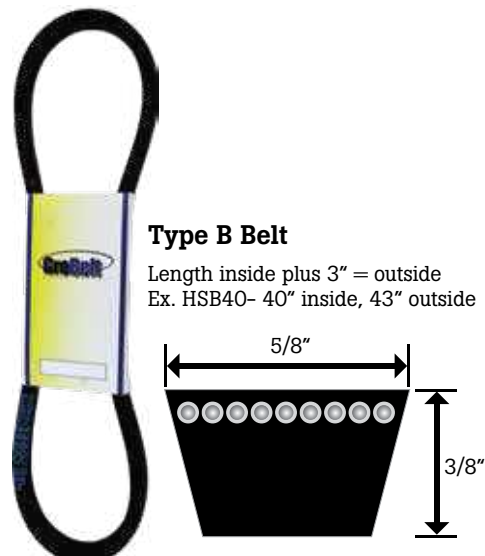
**Type A Belt**

Length inside plus 2" = outside  
Ex. HSA40- 40" inside, 42" outside



**Type AX Cogged Belt**

Length inside plus 2" = outside  
Ex. HSX40- 40" inside, 42" outside



**Type B Belt**

Length inside plus 3" = outside  
Ex. HSB40- 40" inside, 43" outside

## Type A Belt

#HSA20	1/2" x 22" Standard
#HSA21	1/2" x 23" Standard
#HSA23	1/2" x 25" Standard
#HSA24	1/2" x 26" Standard
#HSA26	1/2" x 26" Standard
#HSA28	1/2" x 30" Standard
#HSA29	1/2" x 31" Standard
#HSA30	1/2" x 32" Standard
#HSA31	1/2" x 33" Standard
#HSA32	1/2" x 34" Standard
#HSA33	1/2" x 35" Standard
#HSA34	1/2" x 36" Standard
#HSA35	1/2" x 37" Standard
#HSA36	1/2" x 38" Standard
#HSA37	1/2" x 39" Standard
#HSA38	1/2" x 40" Standard
#HSA39	1/2" x 41" Standard
#HSA41	1/2" x 43" Standard
#HSA42	1/2" x 44" Standard

## Type A Belt

#HSA43	1/2" x 45" Standard
#HSA44	1/2" x 46" Standard
#HSA45	1/2" x 47" Standard
#HSA46	1/2" x 48" Standard
#HSA47K	1/2" x 49" Kevlar
#HSA48	1/2" x 50" Standard
#HSA49	1/2" x 51" Standard
#HSA51	1/2" x 53" Standard
#HSA53	1/2" x 55" Standard
#HSA54K	1/2" x 56" Kevlar
#HSA55	1/2" x 57" Standard
#HSA56	1/2" x 58" Standard
#HSA57	1/2" x 59" Standard
#HSA58	1/2" x 60" Standard
#HSA59	1/2" x 61" Standard
#HSA61	1/2" x 63" Standard
#HSA65	1/2" x 67" Standard
#HSA71	1/2" x 73" Standard
#HSA73	1/2" x 75" Standard

## Type A Belt

#HSA75	1/2" x 77" Standard
#HSA88	1/2" x 90" Standard

## Type AX cogged Belt

#HSAX31	1/2" x 33" Cogged
#HSAX38	1/2" x 40" Cogged
#HSAX39	1/2" x 41" Cogged
#HSAX43	1/2" x 45" Cogged
#HSAX46	1/2" x 48" Cogged
#HSAX56	1/2" x 58" Cogged
#HSAX59	1/2" x 61" Cogged
#HSAX60	1/2" x 62" Cogged
#HSAX64	1/2" x 66" Cogged

## Type B Belt

#HSB35	5/8" x 38" Standard
#HSB38	5/8" x 41" Standard



## POWERTWIST® Drive V-Belts

You'll always have the right size replacement belt on hand with the POWERTWIST V-Belts. Simply remove a link and adjust the size to fit. Constructed of polyurethane elastomers reinforced with polyester fabric. POWERTWIST belts will out perform conventional rubber belts in harsh conditions.

#AFH2053	1/2" belt, ft.
#AFH2054	5/8" belt, ft.
#AFH2053-5	5' length
#AFH2053-25	25' length



## Accu-Link® Adjustable Link V-Belts

Accu-Link® snap-twist-assembly, requiring no tools, means quick replacement of any existing fan belt. Accu-Link belts are constructed from strong polyester fabric with a durable urethane coating.

#52682	1/2" belt, ft.
#52682-5	5' length
#52682-25	25' length



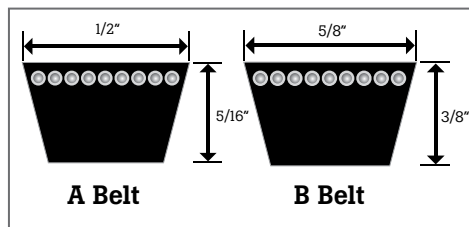
## Timken (Fafnir) Bearing

- Model #VAK1 features a epoxy-coated, two bolt cast iron housing.
- Non-expansion bearing with a one-inch bore. 2.689" high by 5.5" wide.
- #VAK1-FAFNIR ..... 1" Pillow block bearing

# A simple guide for measuring V-belts

Ordering the correct replacement belt is as easy as taking a few simple measurements.

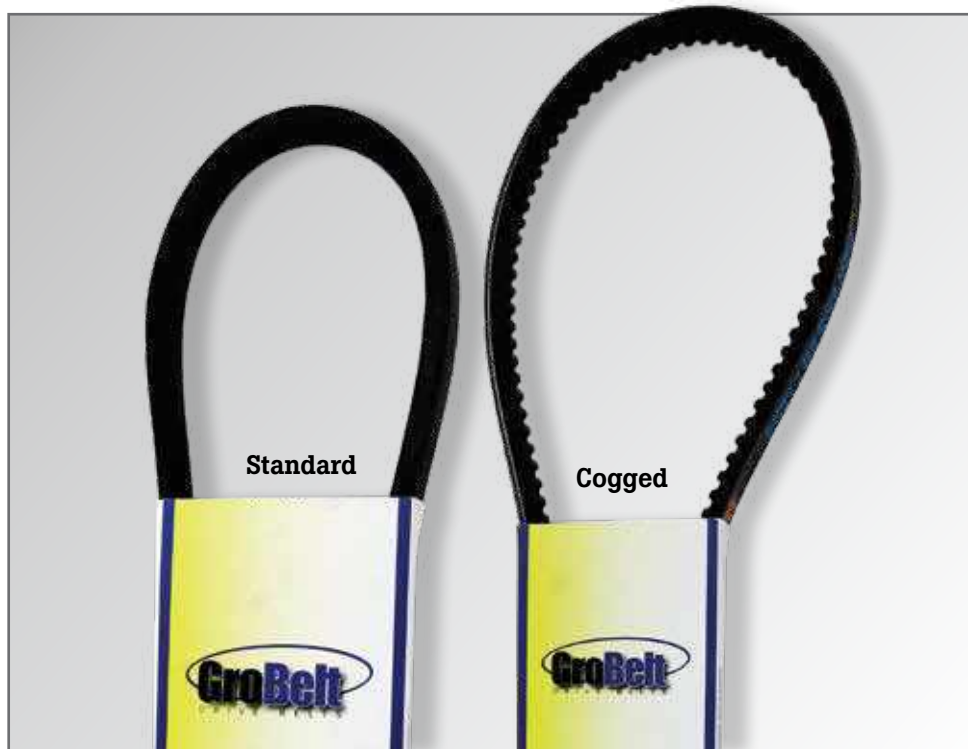
Much of the equipment in use around today's confinement systems use some type of rubber drive belts or V-belts. For example, replacing the V-belts on fans every year is just a smart investment as worn belts can reduce performance by as much as 20%.



First, to determine what type of belt is on your fan, measure the width of the belt. Most fan belts are A-type belts with a measurement of 1/2". If the fan belt measures 5/8", it is classified as a B-type belt. You may see a belt described as type AX. The X means it has a cogged design or notches in the belt. The cogged profile increases the power transfer and is typically used only for industrial applications because of its higher cost.

Next, you need to measure the length of the belt. Use a cloth measuring tape (not a steel one) and wrap it around the outside of the belt. You also use a thin string to take this measurement and place it on a steel tape to get the correct length.

Next, for "A" Belts (1/2" width), subtract



two inches from the outside measurement to select the correct V-belt. For example, if the outer measurement is 48-inches and you subtract two inches, then HSA46 would be the right belt for your fan.

For "B" Belts (5/8" width), subtract 3" from the outside measurement to select the correct V-Belt. For example, if the outer mea-

surement is 48-inches and you subtract three inches, HSB45 would be the right belt for your fan.

Hog Slat's line of GroBelts offers producers top-quality V-belts at a great price. GroBelts feature wear-resistant, high modulus compression rubber embedded with polyester cords to reduce stretch.



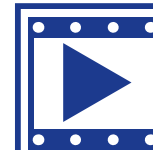
The Laser Kit is easy to use, just place the laser pointer in one of the pulley grooves and adjust the target pulley on the shaft until it lines up.



## Laser Fan Pulley Alignment Kit

Two-piece kit packaged in plastic storage case. Target piece also contains a pulley groove gauge to quickly check pulley wear

#HS783..... Laser Fan Pulley Alignment Kit



Watch the  
demo video

Go to YouTube  
Search: Hog Slat – Pulley Laser



# **Insulated Actuated Bifold Inlets**

Provides accurate control of incoming air to direct it across ceiling to reduce drafts at floor level.



**#HSIN3000C-I**  
**Airflow Performance Data (CFM)**

Opening Width (In)	Static Pressure (In. H <sub>2</sub> O)			
	0.05	0.1	0.125	0.15
1	300	450	500	550
2	650	950	1050	1150
3	950	1350	1550	1700
5	1400	1950	2200	2400
6	1750	2450	2750	3050
8	1950	2750	3100	3400
Fully Open	2250	3250	3600	3950

\* Computer generated data

**Rough opening: 25" x 27-1/2"**



**# HSIN4900C-I**  
**Airflow Performance Data (CFM)**

Opening Width (In)	Static Pressure (In. H <sub>2</sub> O)			
	0.05	0.1	0.15	0.2
1	600	850	1050	1250
2	1150	1650	2050	2400
5	2350	3350	4000	4300
6	2850	4050	5000	5750
8	3200	4500	5500	6350
Fully Open	3750	5350	6550	7600

\* Computer generated data

**Rough opening: 24-1/2" x 46-1/2"**



## Side Entry Cleat

Allows for fast and easy adjustment of the rope. Cleat retains the rope securely when adjustment is not necessary.



## Latch Mount and Cable Guide

Side mounted latch does not get blocked while opening by ceiling obstructions. Latch shuts the inlet tightly and securely. Combination piece also serves as a guide for the rope that helps open/close the inlet.



## Exterior Seal

Matching tongue and groove on door and frame eliminates gaps when inlets closes.



# **Insulated Curved Door Sidewall Inlet**



- Curved inlet door directs air to the ceiling for effective mixing.
- Foam insulated inlet door reduces condensation.
- Seals tightly to minimize heat loss and air infiltration
- Corrosion resistance plastic construction

## Airflow Performance Data (CFM)

Opening Width (In)	Static Pressure (In, H <sub>2</sub> O)		
	0.05	0.1	0.15
1.5	200	400	550
3	550	850	1100
6	1200	1700	2000
11*	2150	3050	3700

\* Computer generated data

Item#	CFM	Rough Opening
HSIN3050SW	3050	13" x 44"
HSIN1700SW	1700	8" x 44"



## Single Sidewall Inlet

- 5-1/2" x 22-1/2"
- 430 cfm
- Self-adjusting inlet

#HSI200 ..... Single Sidewall Inlet



## Plastic Vent Cover

#HS48X14 ..... 14" x 48"



## Gravity Wall Inlet

- Fiberglass housing with foam filled plastic baffle
- Adjustable steel counterweight
- Rated at 3000 CFM
- Ideal for use with pre-heated hallways
- Rough opening 13-1/2" x 46-1/2"

#62990 ..... Gravity Wall Inlet



## Replacement Parts

#59293 ..... Replacement weight  
#59294 ..... Replacement bracket

### ⚠ WARNING:

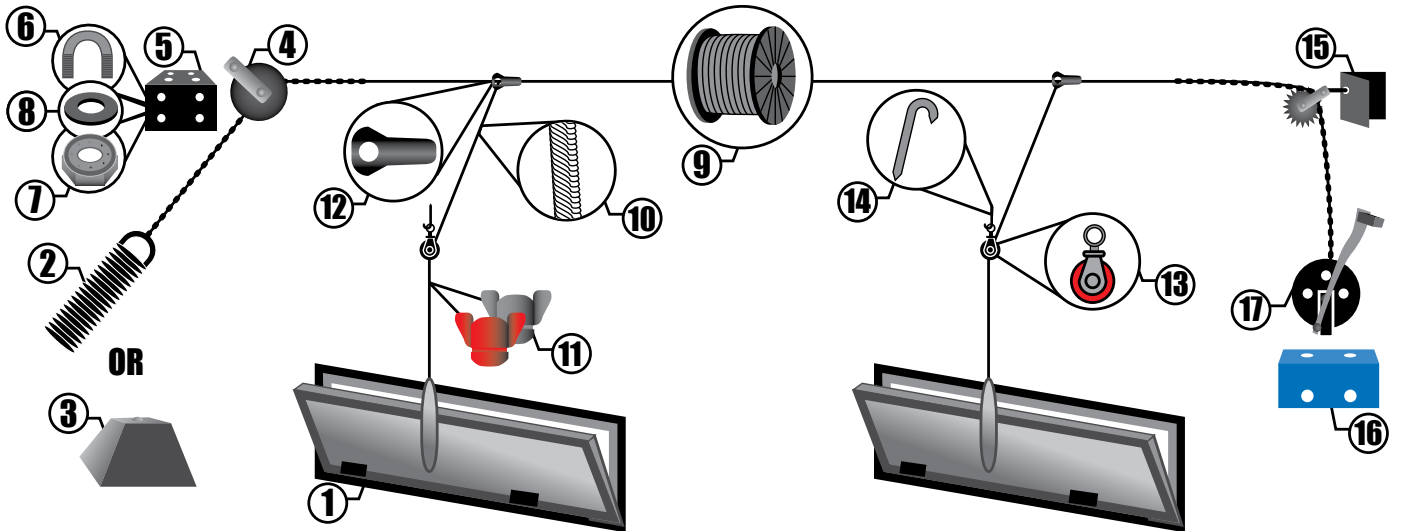
This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

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**1. Galvanized Vent Door**  
Many sizes available!



**2. Spring**

#597093.....160 lb. tension



**3. Counter Weight**

• 25 pound

#NC61752.....Counter Weight



**4. Needle Bearing Pulley**

• 3.5 inch

#HSH001.....Needle Bearing Pulley



**5. 3" x 3" Pulley Bracket**

#61745.....Pulley Bracket



**6. 5/16" U-bolt**

#60649.....U-Bolt



**7. 5/16" Nylock**

#60681.....Nylock



**8. 5/16" Washer**

#60580.....Washer



**9. 1/8" Galvanized Cable**

#61726.....<sup>s</sup>Galvanized Cable



**10. 1/8" Polyester Cord w/Wax**

#61724D.....1000' roll



**11. Plastic Curtain Nut**  
\*color may vary

#HSH032.....1/8"

#HSH027.....3/16"



**12. 1/8" Stacon**

#61800.....Stacon



**13. 7/8" Nylon Pulley**

• with zinc swivel housing

#HSH002.....7/8", zinc housing



**14. J-Nail**

• 96 per pound

#80543.....J-Nail



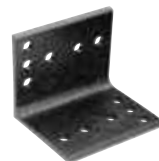
**15. Chain & Sprocket Corner Kit**

#HSH006.....Corner Kit



**16. Winch Bracket**

#HSH074.....4" x 4" x 5" long, painted



**17. Winch**

#DL61737.....1400lb w/ Handle 2-way Ratchet Zinc

#HSH067.....1200 LBS. HB-12M





# Adjust-A-Baffle

- 1" polystyrene with fiberglass coating
- Flexible PVC hinge
- Available in 8", 12", 16", 18", 20" and 24" widths
- 8' sections



## How to order your Adjust-A-Baffle:

- 1. Order Baffle and Hinge separately (must order in 65' lengths):**
- #GAP-1896 ..... 1" x 8" x 96"
  - #GAP-11296 ..... 1" x 12" x 96"
  - #GAP-11696 ..... 1" x 16" x 96"
- 2. Order Baffle and Hinge separately (must order in 65' lengths)**
- #GAP-WS65 ..... Baffle weather-strip - 65'
  - #GAP-HS65 ..... Hinge for baffle system - 65'
- 3. Order S.S. Rod & Clamp package (must order in 100' lengths)**
- #GRCP-SW-B ..... 100' rod & clamp package (INCLUDES: 105'-1/8" SS rod; 33-Azium Nuts; 60-3/16" x 1" lag eyebolts; 33-30" polyester lift cords; 33-Nylon fender washers; 40-1/8" Cable Clamps)
- 4. Order S.S. Cable to connect rod to winch & closure spring**
- #61739 ..... 1/8" stainless steel cable
  - #617321 ..... 1/8" stainless steel cable clamp
- 5. Order Winch & Hardware**
- #DL61737 ..... 1400 lb. winch w/cable keeper
  - #61740 ..... L-bracket for winch
  - #60516 ..... 3/8" x 1-1/4" bolt (2 required)
  - #60682 ..... 3/8" lock nut (2 required)
  - #60670 ..... 3/8" x 1-1/2" flat fender washer (2 required)
- 6. Order Corner Pulleys (one for Winch, one for Spring Return End)**
- #HSH001 ..... 3-1/2" needle bearing pulley
  - #61744 ..... Pulley bracket
  - #60649 ..... 1" x 2-1/2" x 5/16" U-bolt
  - #60681 ..... 5/16" lock nut
- 7. Order Baffle Return Spring (takes place of counter weight)**
- #HS17110 ..... Baffle return spring

## Actuated Plastic Ceiling Inlet



Pre-mounted actuation pulleys for simple and consistent installation. Single rod actuation. Durable corrugated plastic insulation stop. End panels designed to prevent air discharge from the ends of the inlet. A unique aerodynamic discharge orifice provides improved efficiency and air speed while routing condensation away from the air stream to prevent freeze up. Improved performance at a horizontal airflow to prevent drafting of pigs.

Item#	Air @ .10 SP	Framed Opening
#GACI-4000P2	4000 CFM	19" W x 46.5" L
#GACI-2500P2	2500 CFM	19" W x 27" L

## Jet Ventilation Ag Roof Vent

Revolutionary, patented design, maximized Jet technology. Four directional louvers direct air along the ceiling and hold air up longer while mixing with room air and distributing it evenly. Features patented inlet design. Creates less draft and chilling and is engineered to allow more CFM through inlet than a C2000. TopJet inlets operate at higher static pressure for better air mixing. The snap-together design allows for minimal worksite waste. Rated at 1,812 cfm at .125 sp. Patent No. 6,475,078

Call for special pricing for large quantities and installation quotes!

#DL90640 ..... Jet Ventilation Ag Roof Vent



## Ceiling Air Inlet

- Laminated baffle to prevent damage during cleaning
- Plastic housing with stainless steel insert
- Adjustable locking lever allows the unit to be shut off or restricted

#GCAI-1000CW.....	1125 CFM w/ 17" x 17" R.O.
#GCAI-2700CW.....	3128 CFM w/ 25" x 25" R.O.

## Munters Attic Inlet

- Aerodynamic frame and door design for precise control
- Unique constant force springs provide easy adjustment of static pressure
- Doors close tightly to prevent attic condensation
- Stainless steel door hinges for high durability
- Integrated door latches are standard • Easy installation
- Models for mechanical or static pressure control of airflow
- Fully recyclable materials • Lower fuel cost
- Drier room environment • Improved air quality

#ABI28SP-01.....	Static pressure activated
#ABI28SPM-01.....	Mechanically actuated



## Double L 360° Insulated Attic Inlets

360° Airflow Attic Inlets direct tempered air evenly along the ceiling in all directions, resulting in uniform temperatures throughout room. Removable bottom lid for easy cleaning and installation.

#GC1140 Gravity Flow: 2,048 cfm @ 0.15 static pressure.  
New Rough Opening - 23.75" x 23.75". Patent Pending.  
#AC3010 Actuated: 2,518 cfm @ 0.15 static pressure.  
New Rough Opening - 23.75" x 23.75". Patent Pending.

#GC1140...Gravity Flow 4 Way Insulated Attic Inlet  
#AC3010.....Actuated 4 Way Insulated Attic Inlet

## 4-Way Ceiling Diffuser



Traditional four-way negative pressure ceiling inlet. Quad inlet is made of UV stabilized polystyrene. The quad inlet is assembled from four single directional inlets, PVC mounting frame, 18-inch attic sleeve, and one-inch polystyrene insulation board. Single directional inlets are manually adjusted to direct air along the ceiling, towards the floor or closed. During minimum ventilation the quad inlet will deliver 500 cfm at 0.05 in of water. Overall Size: 31" x 31" 9" Packaging: Unassembled. Rough Opening: 27 7/8" x 27 7/8"

#HSI2000.....	4-way Inlet
#HSI200.....	Single Sidewall Inlet
#HSI204.....	Housing
#HSI202.....	Insulation Stop
#HSI203.....	Insulation Board
#HSI205.....	Blade Top
#HSI206.....	Blade Bottom
#HSI207.....	Pin Pivot for Top Blade
#HSI208.....	Pin Pivot for Bottom Blade
#6088611.....	Screw 1" Self Tapping

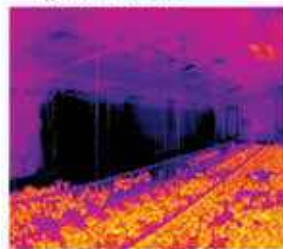


HOG SLAT®

## Tunnel Doors

*Exclusively from Hog Slat!*

Typical tunnel curtain



TEGO tunnel door system



\*Supplied by UGA Agricultural Engineering Department



### Hinge System

Innovative offset hinge seals tight but allows door to move away from the wall as it opens to prevent dust and debris accumulation in the bottom of the panel.



### 1" or 1-1/2" Panel

Available in 1" (R-7) or 1-1/2" (R-9) panel with aluminum skin and structural supports.



### C-Lock Panel

Integrated C-Lock panel connection eliminates the need for additional tools or fasteners.



### Choice of Attachments

Choose from tension loaded brackets or low profile plastic nut connectors.



#TD48X30B-NHEB.....	Door Tunnel 48" T X 30" W Black/Black No Hole/No Reblock EB
#TD48X48B-NHEB.....	Door Tunnel 48" T X 48" W Black/Black No Hole/No Reblock EB
#TD48X60B-NHEB.....	Door Tunnel 48" T X 60" W Black/Black No Hole/No Reblock EB
#TD60X30B-NHEB.....	Door Tunnel 60" Tl X 30" W Black/Black No Hole/No Reblock EB
#TD60X36B-NHEB.....	Door Tunnel 60" TX36" WBlack/Black No Holes/No Reblock EB
#TD60X48B-NHEB.....	Door Tunnel 60" Tall X 48" Black/Black No Hole/No Reblock EB
#TD850.....	Seal Tunnel Door Flat Sold by Foot

**WARNING:** This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

**NUMEROUS SIZES AVAILABLE!**



**See It In Action!**

**Scan for YouTube:  
Tego Tunnel Door**



# Replacement Parts for Tunnel Doors

		
<b>Eagan Rail</b> #EE60-75RAIL..... 60-3/4" long	<b>Tego Hinge</b> #TD4969 ..... Door jinge	<b>Reeves Hinge</b> #TDHINGE..... New style
		
<b>Tego Flat Seal</b> #TD850..... per ft.	<b>Tego P-Seal</b> #TD1125..... 350/ box	<b>Reeves Flat Seal</b> TDSEAL..... per ft.
		
<b>Eagan Bracket</b> #EVTHDBRKT..... Double	<b>Eagan Bracket</b> #EVTHBRKT ..... Single	<b>Tego Bracket - Old Style</b> #8010440700..... Lift bracket
		
<b>Reeves Split Bolt</b> #TDBOLT ..... Each	<b>Tego Carriage Bolt -Old Style</b> #608082 ..... 5-16"x1-1/2"	<b>Tego Split Bolt</b> #TD800..... Each #TD800-10PK ..... Pkg of 10



## 1" Cattle Float

The unique patented design of the Hudson Cattle float uses fluid pressure, as opposed to a lever arm and ball, as the force to close the valve. This compact, self-contained design greatly enhances the valve's reliability. The valve body is made of durable glass-filled nylon. Internal parts are of ABS plastic, silicone, and stainless steel. When properly installed, the valve will meet anti-siphon requirements. 300 gph at 30 psi. Bracket sold separately.



#60390..... 1" Cattle Float  
#60390B03..... Bracket for Hudson valve

## Repair Kit for Cattle Float

Kit complete with Cone Screen, Retainer Ring, Diaphragm and Float.



#603900..... Repair Kit for Cattle Float

## In-line Check Valve

#527458..... 1-1/2" for Cool Cell



## Strainers & Screens

#11271-VI..... 1-1/2" In-Line Strainer  
#10866-VI..... 20 Mesh Screen for In-Line Strainer



## Topaz Float Valve by Jobe

• for Megacool and other cool cell systems

#JOMFV1D..... MegaFlow High Flow 1" Inlet 80 GPM @ 65 PSI  
#JOMFV20DLT..... MegaFlow High Flow 3/4" inlet 65 GPM @ 65 PSI  
#JORJV20HF..... Rojo Low Flow 3/4" Inlet 6.8 GPM @ 75 PSI  
#JOTPV1D..... Topaz High Flow 1" Inlet 80 GPM @ 75 PSI  
#JOTPV20DLT..... Topaz High Flow 3/4" Inlet 55 GPM @ 75 PSI



## Kerick Valve Repair Parts

#KPT75SS..... Valve only 3/4" inlet/Outlet  
#KPF06..... 6" round float  
#HSES-RA11..... SS eye bolt assy  
#KPF444-BK..... 4" square float



## Tranz Former Valve

Converts float valves to a high flow Diaphragm style valve. Increased flow rate fills tanks faster during periods of peak demand. Fits most clamp-on floats and installs quickly without drilling. Contains an internal filter and comes with a manufacture 2 year warranty. Boost flow rates over 4 times that of using the Trough O Matic alone depending on your hose flow rate.



#J-TFV..... fits #610802, Trough-O-Matic

## Cool Cell Clean-Out Brush

Brush attachment for cleaning water distribution pipes. Manufactured with a female slip coupling that glues directly to 3/4" PVC pipe creating a long handle capable of reaching the entire length of the system.



#H6650-5400..... Cleaning brush

## PVC Union

#603841..... 1-1/2" PVC Union



## Trough-O-Matic Float Valve

Flow rate: 245 gallons/hour  
Dimensions: 3" W x 7.5" L x 3.5" High  
Operating pressure: 20-50 PSI



#610802..... Polystyrene Housing  
#FP0572..... Aluminum Housing

## Kerick Float Valve Tank Mount

• PT75LS 3/4" In/Out

#HS826..... Valve Float Tank Mount



## Effluent Pump

• 1/2 Hp  
• 220 Volt

#PE51M..... 110V Effluent Pump  
#PE52M..... 220V Effluent Pump





Manufactured of quality cellulose paper, oven-cured with acrylic polymer glue and fungicides.

Cool Cell Cleaners See Page 324

#H2-64E.....	H2Pad 6" x 12" x 48" Pro Tec Edge 15/45 Flute
#H2-65E.....	H2Pad 6" x 12" x 60" Pro Tec Edge 15/45 Flute
#H2-66E.....	H2Pad 6" x 12" x 72" Pro Tec Edge 15/45 Flute



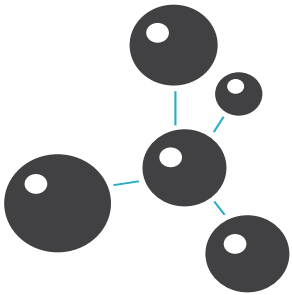
### Production of H2PAD

begins by selecting heavyweight Saturation Grade Kraft Paper designed for high water absorption rates. This specialty Kraft is also formulated for consistent resin pick-up; a crucial step to ensure proper resin impregnation during manufacturing.



### A proprietary resin

contains critical formulation of acrylic polymer glues, melamine additive for fire resistance, and fungicide additive. A special viscosity additive ensures even application on each sheet.



### Triple Curing Process

The first oven bakes the resin coating on the paper. The second oven cures each sheet individually after corrugating and before pressing to ensure consistent glue contact points. A third oven cures each media block for three hours before cutting and sanding.



### Constant Monitoring

Throughout the manufacturing process, technicians constantly monitor the moisture content of the paper. Consistent moisture content is critical to proper adhesion of glues and the curing process.



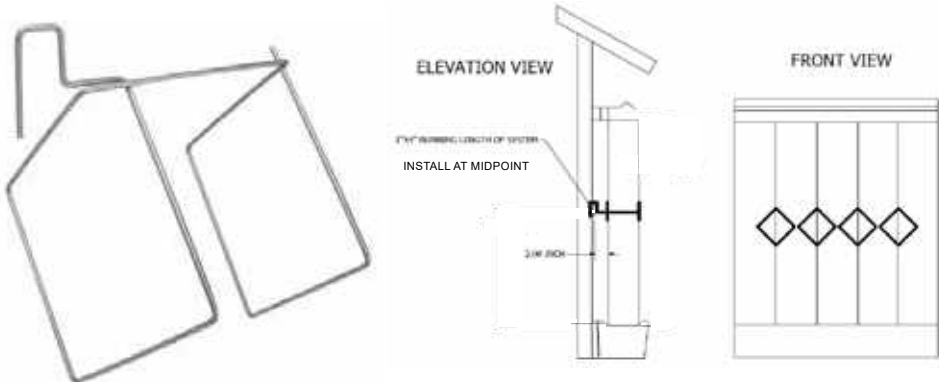
### 3/4" ProTec Edging

increases pad life by protecting against UV light and mechanical damage when cleaning. Helps to prevent the buildup of algae and minerals on the air entry side of the H2PAD. Special wetting additive promotes even water distribution by reducing the amount water collecting on the pad surface.

### PAD RETAINER CLIP

Stainless steel wire retainers used to hold cool cell pads in place. Pad retainers add additional rigidity to the center of pads to help maintain straightness over time. Retainer Clips should be used to stabilize pads that are more than five feet high and when pads are stacked.

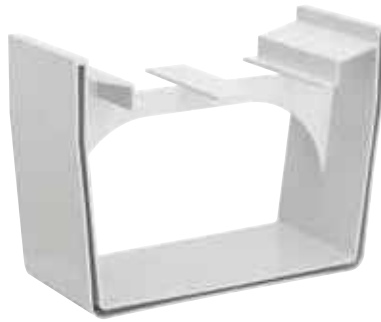
#HS756.....	Cool Cell Retainer Clip
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### End Cap

#HSES-01 .... End Cap For Trough HSI Evap Systems  
 #HSES-02 ..... End Cap With Nipple



### Splice Coupler

#HSES-03 .....for Trough HSI Evap Systems



### 8" Rubber Cap

#HSES-RA14 .....8" Cap Rubber Round Style Trough



### 10" PVC Cap

#5274670 .... 10" Cap PVC Round Cool Cell System



### Rubber Cap with Clamp

#5274611 .....8.16" Cap Rubber For Reeves Cool Cell



### Rubber Cap

#AEC1094 ..... 8" Rubber Cap for Munters Cool Cell



### Trough, Square

#HSES-04 ..... 10' HSI Evap Systems  
 #HSES-05 ..... 5' HSI Evap Systems



### Trough, Round

#HSES - RA9 .....8" x 10'6' includes bell end



### Trough Cement

#HSES-34 .....Trough Cement, 10.3 oz tube



### Trough Support Bracket

#HSES-27 ..... for HSI Evap Systems



### Trough Support Bracket Cover

#HSES-52 ..... 16ga 304 Stainless Steel




### Round Trough Support Bracket

#HSES-RA5 .....Round Style 8"



# Little GIANT Submersible Pumps

Little GIANT offers a full line of submersible pumps for all evaporative cooling systems. These pumps are engineered to provide the highest efficiency and dependability for extended and continuous use.


**WARNING:**  
 This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



- Model#: 9EH-CIA-RFS
- 4/10 Hp shaded pole motor
- 70 GPM @ 5' head
- Cord Length: 20'
- 115 V; Amps: 13 ; Watts: 1000
- (H) 9.3 x (W) 9" x (L) 11.7"
- Switch: Automatic

**#9EN-CIA-RF** ..... 230 V (9EH-CIA-RFS)



- Model#: 10-CIA
- 1/2 Hp split phase motor
- 83 GPM @ 5' head
- Cord Length: 10'
- 115 V; Amps: 11; Watts: 1100
- (H) 10.3" x (W) 9.4" x (L) 9.3"
- Switch: Automatic

**#61088** ..... 115 V automatic (10-CIA)



- Model#: 6-CIA
- 1/3 Hp split phase motor
- 46 GPM @ 5' head
- Cord Length: 8'
- 115 V; Amps: 9; Watts: 720
- (H) 6" x (W) 8.5" x (L) 9.5"
- Switch: Automatic

**#506158** ..... 115 V automatic (6-CIA)



- Model#: 6-CIM-R
- 1/3 Hp shaded pole motor
- 46 GPM @ 5' head
- Cord Length: 10'
- 115 V; Amps: 9; Watts: 720
- (H) 7.25" x (W) 7.25" x (L) 9.5"
- Switch: Manual

**#506271** ..... 115 V manual (6-CIM-R)



- Model#: 6EC-CIA-SFS
- 1/3 hp motor
- 53 GPM @ 5' head
- Cord Length: 10'
- 115 V; Amps: 14.5; Watts: 600
- (H) 11.28" x (W) 8.48" x (L) 10.66"
- Switch: Automatic Snap Action Float Switch

**#506807** ..... 115 V automatic (8-CIA)



- Model#: 8-CIM
- 4/10 Hp shaded pole motor
- 54 GPM @ 5' head
- Cord Length: 25'
- 115 V; Amps: 10; Watts: 830
- (H) 6" x (W) 8.5" x (L) 9.5"
- Switch: Manual

**#508058** ..... 115 V manual (8-CIM)



- Model # 9EC-CIM
- 4/10 Hp motor
- 70 GPM @ 5' head
- Cord Length: 20'
- 115V; Amps: 7.5; Watts: 800
- (H) 11.0" x (W) 8.9" x (L) 8.4"
- Switch: Manual
- 1-1/2" Discharge port

**#509805** ..... 115 V manual (9EC-CIM)



## Switch & Diaphragm Rebuild Kit

**#610891** .....for 506158 pump

## Gould Submersible HI Capacity Pumps

- 304 Stainless steel body
- 1.5" NPT
- 110 GPM
- 1/2 Hp



**#1DW51COEA** ..... 115V  
**#1DW51C1EA** ..... 230V  
**#9L122** ..... Capacitor for 1DW51COEA  
**#9L113** ..... Capacitor for 1DW51C1EA

## Gould Submersible Pumps

- 304 Stainless steel body
- 1.5" NPT
- 57 GPM



**#LSP0311** ..... 1/3 Hp, 115V  
**#LSP0711F** ..... 3/4 Hp, 115V  
**#LSP0712F** ..... 3/4 Hp, 230V  
**#9L118** ..... Capacitor for LSP0711F  
**#9L115** ..... Capacitor for LSP0712F

## Liberty Submersible Pump

- Model #257
- 1/3 Hp motor
- 45 GPM @ 5' head
- Cord length : 10'
- 120 V, 5.2 amps running, 8 amp start
- Auto vertical float switch
- Cast body w/ Epoxy powder coat finish



**#61257** ..... 120V, Auto



### Sump or Jet Pump

Your choice of Jet Pump or Submersible Pump with Sump Tank.



### Less Pad Streaking

Increased water flow directed to pad front. Open top design for quick visual inspection. Aluminum pad retainers held with user-friendly Tri-Knob fasteners.



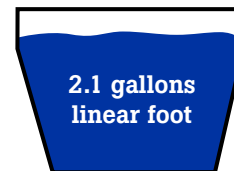
### Heavy H2Pad

Coated with ProTec to protect against UV and mechanical damage.



### Improved Drainage

Increased open area of trough cover quickly drains water away from pad bottoms to extend pad life.



### Greater Trough Capacity

Square trough increases water reservoir by over 24% over the round trough.

### Stronger Brackets

4" Wide Brackets prevent damage to trough and double leg supports eliminate twisting and sagging.



**See It In Action!**  
YouTube:  
Hog Slat Evap  
Systems



## Extension Kit for Round Pipe Cool Cell Systems

### 10' Add-on Kit for Round Style 8" Trough Evaporative Cooling System

Includes trough, cover cover, sprayer, deflector, pad retainer and 8" trough.  
Does not include pad or end panel.

#HSES-RA10.....Extension Kit



# Submersible Cool Cell Pump

Pumps typically used for cool cell systems are adapted from other industries; waste water, sump pumps, etc. They are designed with a higher head pressure and low volume to lift water as high as 35'.

We went to one of America's leading pump manufacturers with a request to build a pump specifically designed for cool cell systems. This pump features a re-designed VORTEX IMPELLER resulting in a unit with a LOWER HEAD PRESSURE with HIGHER VOLUME. This combination allows our pump to service a longer cool cell run.



## Get 3/4 Hp Performance from a 1/2 Hp Pump!

The special impeller allows the use of a 1/2 Hp motor instead of a 3/4 Hp motor. Electrical usage is decreased by up to 25%.

### Rugged Features for a Long Lasting Pump:

- Oil-filled motor
- Epoxy coated, cast iron housing
- 2" discharge with 1-1/2" bushing to adapt to most systems
- 2" bottom suction inlet
- 9' waterproof power cord
- Silicon carbide seal
- 115 / 230 Volt- 5.5/2.7 amps
- 15.87" high x 9.5" wide

#H2P-115S ..... 1/2 Hp submersible pump, 115 V  
#H2P-230S ..... 1/2 Hp submersible pump, 230 V



### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



#HS9029



#HS9079

## Jet Pump Motor

US Motors® 3/4 HP replacement motor for Hog Slat and Hired Hand Mega Cool non-submersible jet pumps. Motor is encased in drip-proof enclosure. 48Y frame. 1 year warranty.

Part#	Voltage	Amps	Hired-Hands
#HS9029	208-230	4.1-3.7	1062-5032
#HS9079	115/110	7.2/10.3	



## Jet Pump

The Compact Jet Pump delivers outstanding performance. Efficient design minimizes friction and turbulence reducing power consumption.

**Self-priming pump** design protects internal components from wear.

Strainer basket features a **Transparent Lid** for easy inspection. Larger capacity extends time between clean out. Easy access drain plug for service and winterizing.

### Features Include:

- Available as 115 or 230 volt models
- Includes 9 foot power cord
- 1-1/2" discharge pipe
- Open drip proof motor

#H2P-120JA ..... 3/4 Hp Jet Pump, 120 V  
#H2P-240J ..... 3/4 Hp Jet Pump, 240 V



### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## Wet End Pump

Hi Flo 3/4 HP wet end pump for evaporative jet pump

#H2P-001 ..... Wet End for Jet Pump

## Leaf Trap

6" diameter leaf trap for Jet Pump.

- 1-1/2" inlet
- 2" outlet



#H2P-002 ..... Leaf Trap





## PVC Union

PVC pump union fitting with o-ring and gasket. Slip.

#H2P-003 ..... 1-1/2" - Jet Pump  
#H2P-004 ..... 2" - Submersible Pump




#61673AVA#61673BVA**HERCULITE®**

Herculite sets the standard for high performance livestock curtains. Manufactured from flexible PVC composite fabric with polyester scrims for high tear strength. Herculite curtains are shrink and mildew resistant with excellent UV.

Item#	Net Size	Weight (oz.)	Color	Hems
<b>61673BVA</b>	66"	13	Frosty Clear	1
<b>CVT136</b>	68"	13	Frosty Clear	1
<b>CVT137</b>	80"	13	Frosty Clear	1
<b>61673AVA</b>	66"	9.5	Frosty Clear	1
<b>61674</b>	68"	9.5	White	1
<b>61884-4</b>	80"	13	Frosty Clear	1-1 pocket

#61686**Polylite®**

Choose from PolyLite® Super with 10x10 weave or the costing saving Poly Econo with a 9x9 weave. Also available in light blocking Black/White Premium option.

#522471

Item#	Net Size	Weight (oz.)	Color	Hems
• PolyLite® Super				
<b>61686-14</b>	18"	4.2	Clear	1
<b>61686-33</b>	21"	4.2	Clear	1
<b>61685</b>	57"	4.2	Clear	1
<b>61686</b>	69"	4.2	Clear	1
<b>61687</b>	81"	4.2	Clear	1
<b>61692</b>	66"	4.2	Clear	2
<b>61693</b>	78"	4.2	Clear	2
<b>61686-37</b>	73"	4.2	Clear	1-2 pockets
• PolyLite® Econco				
<b>61686EC</b>	69"	4.3	Clear	1
<b>61687EC</b>	81"	4.3	Clear	1
• Black/ White Premium				
<b>BWP201</b>	18"	6	B/W	1
<b>616853</b>	57"	6	B/W	1
<b>616865</b>	69"	6	B/W	1
<b>BWP701</b>	81"	6	B/W	1
• Specialty Curtains				
<b>616763</b>	84"	9.5	White - Vinyl	1 - 7 pockets
<b>61673B3</b>	94"	13	Clear Frosty Vinyl	1-2 pockets




#FABTEX160X72

### FabTex®

The Super Clear coating allows the most light transmission of any high weight curtain in the market. Durable PVC material remains flexible even during cold temperatures.

Item#	Net Size	Weight (oz.)	Color	Hems
FABTEX160X60	57"	17	Super Clear	1
FABTEX160-6	60"	17	Super Clear	1
FABTEX160X72	69"	17	Super Clear	1
FABTEX160-7	60"	17	Super Clear	1-2 pockets
FABTEX160-9	91"	17	Super Clear	1-2 pockets

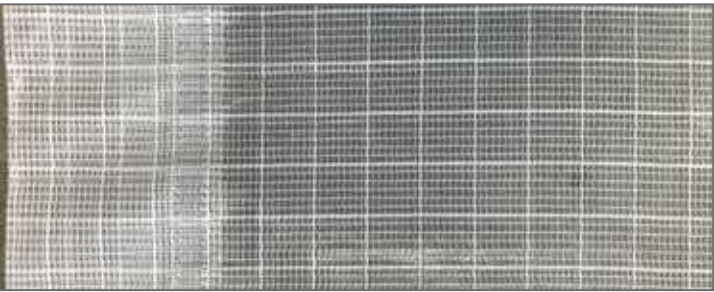


#CEL1668SHTS

### Agri-Barrier™ Vinyl Curtain

PVC laminated curtain manufactured with mildew and UV blocking additives. Crystal Clear color for maximum light admission.

Item#	Net Size	Weight (oz.)	Color	Hems
CEL1668SHTS	69"	16	Crystal Clear	1
CEL1684W3P	84"	16	Crystal Clear	1-2 pockets



### Agri-Tex™ Ag Curtains

- Maximum UV stabilization
- Fabricated with Lock-Stitch sewn hems
- Superior tensile straight
- Weldable composition
- Easily collapsible

Item#	Net Size	Weight (oz.)	Color	Hems
616468	68"	14 oz.	Ultra Clear	1
6160968	68"	9	Milky Clear	1
61614T	84"	14 oz.	Ultra Clear	1- 3 pockets



#CI7L5

### Insulated Curtain

6-ply insulated curtain with a compressed R-4 rating. Sewn every 4" to prevent insulation sag and to allow the curtain to fold more evenly when opening.



Item#	Net Size	Weight (oz.)	Color	Hems
CI7L2	24"	NA	Gray/ White	1
CI7L3	36"	NA	Gray/White	1
CI7L5	60"	NA	Gray/White	1
R62X66	66"	NA	Gray/White	1
CI7L6	72"	NA	Gray/White	1
CI7L7	84"	NA	Gray/White	1



## Brooder Curtains

Manufactured from 10x10 Super-Poly

Custom sizes available!

#522412	52', 1 zipper center house curtain
#522413	52', 2 zipper center house curtain
#522411	42', 1 zipper center house curtain
#522414	42', 2 zipper center house curtain
#522494	12' Curtain 10 x 10 (order to size / NO ZIPPERS)



## Curtain & TriPly Ceiling Repair Tape

#61571	Polylite curtain tape - 3" x 60' roll (clear)
#61570	White curtain tape - 150' Roll
#61571BW	Polylite black & white 3" x 60' roll
#844192	White tri ply repair tape (ceiling)
#844193	Black tri ply repair tape (ceiling)
#61571B	Curtain Tape Black 3" x 60'

## Vinyl Glue

- Super-Strong, waterproof, flexible bonds to vinyl coated and vinyl laminated fabrics
- Highly resistant to temperature and weather extremes
- Excellent for Patching and Sealing



#1003	8 oz. can
#6719	1 qt. can

## Loctite Spray Adhesive

Professional grade premium quality formulation for temperature resistant permanent bonds.

- Dries clear without yellowing
- Sets in 10 minutes, fully cured in 24 hours.
- Moisture and UV resistant.



#119241	Indoor/Outdoor 13.5oz
---------	-----------------------

## Bondseal Spray Adhesive

Multi-purpose glue with adjustable spray pattern.



#844195	Multi Purpose, 16 Oz
---------	----------------------

## Insulated Tunnel Curtain with Center Pocket Hem

- Black/ White
  - Single Hem/ Center Pocket
  - 3- Layer- 2 layers of curtain / 1 layer 3/16" bubble insulation. R value of 3
  - 4-Layer - 2 layers of curtain / 2 layers 3/16" bubble insulation. R value of 5
- |                 |              |
|-----------------|--------------|
| #INBWBUB501-V1  | 56 - 3-layer |
| #INBWBUB601-V1  | 72 - 3-layer |
| #INBWBUB701-V1  | 84 - 3-layer |
| #INBWBUBD601-V1 | 72 - 4-layer |
| #INBWBUBD701-V1 | 84 - 4-layer |



## Gorilla Tape

Long lasting alternative to curtain tape.

- |          |                                     |
|----------|-------------------------------------|
| #105629  | Black 30 yd. roll                   |
| #6025002 | White, 1.88" x 30 yd. roll          |
| #6027003 | Clear, 1.88" x 27' roll             |
| #106425  | Tough & Wide 3" x 25 yd. Roll Black |
| #6010902 | 9 yd. Roll Camo                     |



Watch DIY Curtain Repair Video



## Loctite Spray Adhesive

Professional grade premium quality formulation for temperature resistant permanent bonds.

- Dries clear without yellowing
- Sets in 10 minutes, fully cured in 24 hours.
- Moisture and UV resistant.



#119241	Indoor/Outdoor 13.5oz
---------	-----------------------

## Bondseal Spray Adhesive

Multi-purpose glue with adjustable spray pattern.



#844195	Multi Purpose, 16 Oz
---------	----------------------

## 3M Scott Weld Spray Adhesive

Clear Hi-Strength adhesive with great bonding performance to multiple materials.

- 10-minute cure time
- Clear
- 180 psi shear strength



#6785091	#90 High Strength, 24oz
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## Poultry Wire

- PVC galvanized 20 gauge wire with 1-inch hex opening
- Stainless Steel option



#805689-1PW	.....	Wire Poultry PVC Coated 1' X 150' 3/4" Hex 20 Gauge
#80569-1PW	.....	Wire Poultry PVC Coated 2' X 150' 3/4" Hex 20 Gauge
#80570-1PW	.....	Wire Poultry PVC Coated 3' X 150' 3/4" Hex 20 Gauge
#80571-1PW	.....	Wire Poultry PVC Coated 4' X 150' 3/4" Hex 20 Gauge
#80580-1PW	.....	Wire Poultry PVC Coated 5' X 150' 3/4" Hex 20 Gauge
#80580PW	.....	Wire Poultry PVC Coated 5' X 150' 1" Hex 20 Gauge
#80581-1PW	.....	Wire Poultry PVC Coated 6' X 150' 3/4" Hex 20 Gauge
#80581PW	.....	Wire Poultry PVC Coated 6' X 150' 1" Hex 20 Gauge
#80582	.....	Wire Poultry PVC Coated 7-1/2' X 100' 1" Hex
#80585PW	.....	Wire Poultry PVC Coated 7' X 150' 1" Hex 20 Gauge
#80580-1SS	.....	Wire Poultry Stainless Steel 5' X 150' 3/4 Hex 20ga
#80581-1SS	.....	Wire Poultry Stainless Steel 6' X 150' 3/4 Hex 20ga

A.



B.



C.



## Counter Weights

A) #NC61752	.....	25 lb. concrete
B) #NC61751A	.....	4-1/4" diameter, 12 lbs. PVC
C) #HS917-416	.....	2" solid metal, 17" long, 15 lbs

## Curtain Brackets

- Fits 66" curtain
- Space every 4'
- Constructed of 1/4" x 1" powder-coated metal



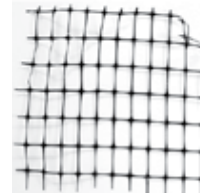
#8010790100	.....	5' 8" curtain bracket painted
#8010690100	.....	7' 3-1/2" curtain bracket end wall
#8010450100	.....	4' 6" curtain bracket w/ 5" angle, Painted

### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Plastic Bird Netting

- 330'/roll

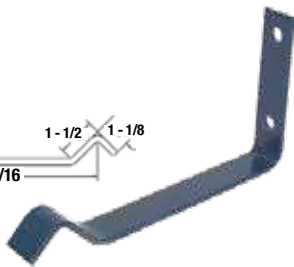


#TNX60020409	.....	6.5' x 330' Mesh Size .87" x 1.38" CintoFlex D
#TNX60032409	.....	6.5' x 330' Mesh Size .51" x .59" CintoFlex E
#TNX60033409	.....	4' x 330' Mesh Size .51" x .59" CintoFlex E
#TNX60045409	.....	5' x 330' Mesh Size .71" x .98" CintoFlex M
#TNX60050409	.....	6.5' x 330' Mesh Size .71" x .98" CintoFlex M

4 - 5/8

1 - 1/2 1 - 1/8

7 - 9/16



## Square Tack Nail

- Galvanized double dipped

#805421	.....	1-1/2" long, galv, square 64/ lb
#855ARZ	.....	1" long, galv round head 74/ lb
#805420	.....	1-1/4" long, plastic cap 286/lb
#SWSSCN150	.....	1-1/2" metal cap
#SWSSCN250	.....	2-1/2" metal cap



## Bracket for Curtain

- Extended

#8050680100	.....	Bracket for Curtain
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## Batten Strips

Use to fasten bottom of curtain to building, does not crack or rot like wood.

#84588	.....	8' x 1-3/4" aluminum batten strip
--------	-------	-----------------------------------



## Black Poly Strapping

- 1-3/4" wide x 300' roll

#61572	.....	Black poly strapping, 1-3/4" x 300' roll
--------	-------	--

## Fence Staples

#84548G	.....	2" Fence Staple
#80549	.....	3/4" Bird Wire Staples



### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Retainer Strap

- 2" wide X 300' roll

#TS102925	.....	Retainer strap for curtain
-----------	-------	----------------------------



## Standard Polyester Cord

- Low stretch.
- UV resistant.
- Abrasion resistant.

#61724	.....	1/8" x 1000'
#61724-500	.....	1/8" x 500'
#61725	.....	3/6" X 1000'
#61725-500	.....	3/16" x 500'



## Black Poly Rope

#61806	.....	1/4" black poly rope - 1000'
#HB1024	.....	3/16" black poly rope - 1000'



## Crank Handle

- Hand crank, shepherd hook, zinc

#HS70501 .....	3'
#HS70502 .....	5'
#HS70503 .....	8'

## Adjustable Hand/ Drill Handle

- Adjustable from 5-8', painted

#G07099550 .....	Adjustable Handle
------------------	-------------------

## Drill Crank, Painted

- Drill powered, shepherd hook, zinc

#HS70504 .....	3'
#HS70505 .....	5'
#HS70506 .....	8'

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Split Reel Ceiling Winch

- 2000 lb. capacity
- Self-braking
- 4.1:1 worm gear ratio
- 1-3/4" diameter reel
- Cable Capacity: 134' (67' per side) of 1/8"
- Black epoxy finish

#HSW01 .....	Split Reel Ceiling Winch
--------------	--------------------------

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Hand Winch

- 1200 lb. capacity
- Drum Hub Diameter: 1.3"
- Gear Ratio: 3.87:1
- Handle Length: 6.7"
- Cable capacity: (3/16): 65 feet
- Black Epoxy Finish

#HSH067 .....	Hand Winch
---------------	------------

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Speed Crank

The Speed Crank increases the speed of operating manual winches while eliminating the work and strain. The overall length is eight-inches with a 1/2" shaft. Center opening fits over a one-inch nut handle.

#HS802 .....	Speed Crank
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### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## Single Drum Ceiling Winch

- 3000 lb. capacity
- 45:1 gear ratio
- 3-3/4" diameter hub
- Cast construction, red finish

#AMT24030 .....	Single Drum Ceiling Winch
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### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Single Reel Ceiling Winch

- 2000 lb. capacity
- Self-braking
- 4.1:1 worm gear ratio
- 1-3/4" diameter reel
- Cable capacity: 140' of 1/8"
- Black epoxy finish

#HSW02 .....	Single Reel Ceiling Winch
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### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Hand Winch

- 1400 lb. capacity
- Drum Hub Diameter: 7/8"
- Gear Ratio: 4.4:1
- Handle Length: 9.5"
- Cable Capacity: (1/4"): 40 feet
- Strap Capacity: 31 feet

#DL61737 .....	Hand Winch
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### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Auto Brake Hand Winches

Automatic brake holds handle in position when released to prevent injuries from free spooling handle.

- Drum Diameter: 2.5"
- Gear Ratio: 5.4:1
- Cable Capacity (1/4"): 60 feet
- Strap Capacity: 31 feet
- Zinc plated finish

#DL5351-24Z .....	1200 lb
#DL5352-24Z .....	1500 lb

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Auto Brake Hand Winch

- 3500 lb. capacity
- Drum Hub Diameter: 1-5/16"
- 2-speed • Gear Ratio: 12:1 (High) 6:1 (Low)
- \* Auto brake/Reversible ratchet
- Handle Length: 9.5"
- Cable Capacity (3/8"): 37 feet
- Zinc finish

#DL3500 .....	Auto Brake Hand Winch
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### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## Winch Mounting Brackets

1) #61740 .....	3" x 3" x 7" long, painted
2) #HSH074 .....	4" x 4" x 5" long, painted

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

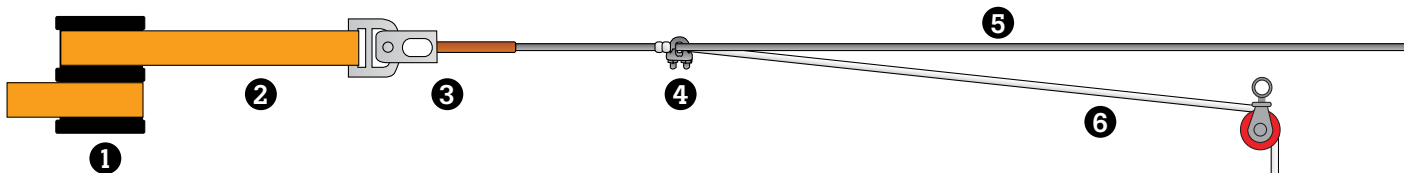
## Up to 3X faster than manual winches!



Fits 1/2" drill



Fits over base of the winch handle



# Rod Winching Systems

## Electric Ceiling Winch with control

- 5000 lb. capacity
- Prewired 3/4 hp, 120V motor
- 2 ft/ min lift speed
- 2" diameter spilt reel
- 9' power cord
- 9' controller cord



#24051 ..... Electric Ceiling Winch with control

## 1) Manual WindLift Winch

- 5000 lb. capacity
- 90:1 ratio
- 2" diameter spilt reel
- Cable capacity: 64' of 3/16" cable
- Pre-drilled and tapped to accept strap kit
- Black epoxy finish



#HSW03 ..... Manual WindLift Winch

### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## Heavy Duty Drills - 1/2"

#22727 ..... Milwaukee D-Handle  
#598691 ..... DeWalt Jumbo, Spade Handle  
#6710339 ..... Milwaukee Hole Hawg, Right Angle



## 2) Strap Kit with Bolt

#HSH055 ..... 5000 lb. (pair)  
#HSH050 ..... Strap Bolt only for HSH055  
#HSH056 ..... 2000 lb. (pair)  
#HSH051 ..... Strap Bolt only for HSH056  
#AMT251403 ..... 3' x 1/4" Sling rope w/thimbles

### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## 3) Clevis

#HSH053 ..... Dead-end clevis for 1/8" rod  
#HSH054 ..... Dead-end clevis for 3/16" rod  
#AMT17073 ..... Auto locking clevis for 1/8" rod  
#AMT17072 ..... Auto locking clevis for 3/16" rod

### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Rod Repair Quick Coupler

#AMT17075 ..... 1/8"  
#AMT17074 ..... 3/16"

## 4) Galvanized Cable Clamps

#61732 ..... 1/8"  
#61733 ..... 3/16"

### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## 5) Suspension Rod

#HSH17060-0390 ..... 1/8" x 390' Roll  
#HSH17060-0490 ..... 1/8" x 490' Roll  
#HSH17060-590 ..... 1/8" x 590' Roll  
#HSH17061-0390 ..... 3/16" x 390' Roll  
#HSH17061-0490 ..... 3/16" x 490' Roll  
#HSH17061-0590 ..... 3/16" x 590' Roll

## 6) Premium Diamond Braid Cord w/ Wax

#61724D ..... 1/8" x 1000'  
#61724D-500 ..... 1/8" x 500'  
#61725D ..... 3/16" X 1000'  
#61725D-500 ..... 3/16" X 500'



## 7) Rope Adjuster

#HSCA-1 ..... Feed Line Drop Cord Adjuster  
#HSCA-3 ..... Heavy Duty Cord Adjuster



### 7/8" Galvanized Swivel Pulley

- Rated Capacity: 132
- Bracket Material: 18 ga G90 Galv.
- Sheave Material: White nylon

#HSH002 ..... 7/8" Galv Swivel Pulley

**⚠ WARNING:**  
This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



### 7/8" Stainless Steel Swivel Pulley

- Rated Capacity: 132
- Bracket Material: 18 ga Stainless Steel
- Sheave Material: Red nylon

#HSH003 ..... 7/8" S.S. Swivel Pulley

**⚠ WARNING:**  
This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



### 1-7/8" Galvanized Swivel Pulley

- Rated Capacity: 660
- Bracket Material: 12 ga G90 Galv.
- Sheave Material: White nylon

#HSH037 ..... 1-7/8" Galv. Swivel Pulley

**⚠ WARNING:**  
This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



### 1-7/8" Galvanized Swivel Pulley

- Rated Capacity: 220
- Bracket Material: 12ga, G90 Galv.
- Sheave Material: Red Nylon

#HSH004 ..... 1-7/8" Galv. Swivel Pulley

**⚠ WARNING:**  
This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



### 1-3/8" Stainless Steel Split Pulley

- Rated Capacity: 660
- Bracket Material: 12 ga G90 Galv.
- Sheave Material: White nylon

#HSH010 ..... 1-3/8" SS Split Pulley

**⚠ WARNING:**  
This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



### 1-1/2" Stainless Steel Split Pulley

- Rated Capacity: 220
- Bracket Material: Stainless Steel
- Sheave Material: Stainless Steel

#521531 ..... 1-1/2" SS Split Pulley

**⚠ WARNING:**  
This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



### 1-1/2" Galvanized Split Pulley

- Rated Capacity: 2000
- Bracket Material: 12 ga G90 Galv.
- Sheave Material: Galv. Steel

#HSH008 ..... 1-1/2" Galv. Split Pulley

**⚠ WARNING:**  
This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



### 1-3/4" Galvanized Split Pulley

- Rated Capacity: 660
- Bracket Material: 12 ga G90 Galv.
- Sheave Material: Red reinforced nylon

#HSH005 ..... 1-3/4" Galv. Split Pulley

**⚠ WARNING:**  
This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



### 1-7/8" Galvanized Split Pulley

- Rated Capacity: 660
- Bracket Material: 12 ga G90 Galv.
- Sheave Material: White nylon

#HSH038 ..... 1-7/8" Galv. Split Pulley

**⚠ WARNING:**  
This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



### 2-1/2" Corner Pulley

- Rated Capacity: 1120
- Bracket Material: 11 ga G90 Galv.
- Sheave Material: Red Fiberglass

#HSH025 ..... 2-1/2" Corner Pulley

**⚠ WARNING:**  
This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



### 3-1/2" Corner Pulley

- Rated Capacity: 3,000
- Bracket Material: 11 ga G90 Galv.
- Sheave Material: Cast iron
- Bearings: Sealed bearings

#HSH001 ..... 3-1/2" Corner Pulley

**⚠ WARNING:**  
This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



### 3-1/2" Corner Pulley

- Rated Capacity: 2,000
- Bracket Material: 11 ga G90 Galv.
- Sheave Material: Red Nylon

#HSH007 ..... 3-1/2" Corner Pulley

**⚠ WARNING:**  
This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



### 2-1/2" Thru-Wall Pulley

- Rated Capacity: 880
- Bracket Material: 11 ga G90 Galv.
- Sheave Material: Steel

#61749 ..... 2-1/2" Thru-Wall Pulley

**⚠ WARNING:**  
This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



### 3-1/2" Thru-Wall Pulley

- Rated Capacity: 3000
- Bracket Material: 8 ga G90 Galv.
- Sheave Material: Cast iron
- Bearings: Sealed Bearings

#HSH009 ..... 3-1/2" Thru-Wall Pulley

**⚠ WARNING:**  
This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



### 7/8" Galvanized Swivel Pulley

- Rated Capacity: 2200
- Bracket Material: 11 ga G90 Galv.
- Sheave Material: Cast iron
- Bearings: Needle

#HSH040 ..... 4-1/2" Corner Pulley

**⚠ WARNING:**  
This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



### 3-1/2" Double Back Pulley

- Rated Capacity: 4,000
- Bracket Material: 12ga, G90 Galv.
- Sheave Material: Red Cast Iron

#HSH071 ..... 3-1/2" Double Back Pulley

**⚠ WARNING:**  
This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



### 3-1/2" Horizontal Pulley

- Rated Capacity: 2,000
- Bracket Material: 11 ga G90 Galv.
- Sheave Material: Red Fiberglass

#HSH042 ..... 3-1/2" Horizontal Pulley

**⚠ WARNING:**  
This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



### 3-1/2" Enclosed Single Block Pulley

- Rated Capacity: 2,000
- Bracket Material: 11 ga G90 Galv.
- Sheave Material: Red Fiberglass

#HSH039 ..... 3-1/2" Enclosed Single Block Pulley

**⚠ WARNING:**  
This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)





### Chain & Sprocket Corner Kit

- Rated Capacity: 2200
- Bracket Material: 11 ga G90 Galv.
- Sheave Material: Black Steel Sprocket
- Bearings: Needle

#HSH006 ..... Chain Sprocket Corner Kit  
 #52155-1\* ..... Bracket only  
 #HB3003 ..... Sprocket pulley only

#### ⚠ WARNING:

\*This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



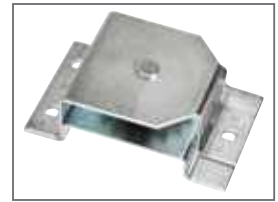
### Horizontal Bracket with Chain Sprocket

- Rated Capacity: 2000
- Bracket Material: 11 ga G90 Gal
- Sheave Material: Plated steel
- Bearings: Sealed Bearings

#HSH043 ..... Horizontal Chain Sprocket

#### ⚠ WARNING:

\*This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



### Bracket With Dual Pulleys

This bracket has two pulleys. One pulley can be used to guide the main cable or rod and the other pulley can be used to guide the opening and closing of the vent doors. The bracket should be secured to the wall with two wood screws (not provided).

- Rated Capacity: 132
- Bracket Material: 11 ga G90 Galv.
- Sheave Material: Red Nylon

#HSH041 ..... Bracket with Dual Pulleys

#### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



### Corner Bracket

- 3/16" thick painted steel brackets
- 15" long x 4-1/2" tall legs
- Shown with HSH001 corner pulley (not included)

#617431 ..... Large Corner Bracket  
 #60649 ..... U-bolt  
 #60692 ..... Lock nut

#### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



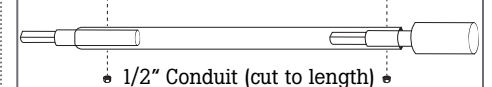
### Cup Hook Driver

Driver holds cuphooks in place allowing for single-handed placement. After insertion, cuphook is released with a simple pivot of the tool. Also excellent for removing existing cuphooks safely. Fits drills with 1/2" chuck.

#HB6008 ..... Cup and Hook Driver

### CEILING EXTENSION

Field drill hole in pipe & driver pieces to accept bolt or pin



#### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



### Cup Hook

#60665 ..... 1/4" x 3-1/2"  
 #60665 ..... 1/4 x 3-1/2" - SS

#### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



### Screw Hook

#HSH049 ..... 3/8" x 4" zinc  
 #HSH048 ..... Screw Hook 0.268" X 3-1/2" Zinc

#### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



### J-Nail

#80543 ..... 1-3/4", galvanized dbl. dipped, 61/lb

#### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



### Brackets & Mounting Hardware

#61745 ..... 3" x 3" Pulley Bracket  
 #60649 ..... 5/16" U-bolt  
 #60681 ..... 5/16" Nylock  
 #60580 ..... 5/16" Washer

#### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



### Conduit & Curtain Pipe

#61720 ..... 1/2" x 10' galv. w/crimped end  
 #10802 ..... Rebar 3-3/8" x 10'  
 #60340 ..... Pipe 1/2" x 21' galv. w/end coupling

#### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



### Curtain Clamp Hanger

#HSH026SS ..... 1/2" SS Curtain Clamp Hanger

#### ⚠ WARNING:

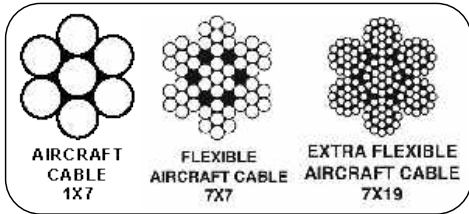
This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



### Cable Cutters

- #59882..... Felco For cable up to 3/16"  
 #HSH059..... For cable up to 3/16"  
 #598821..... Heavy Duty, replaceable blades, for cables up to 1/4"  
 #AMTC9BLADE..... Replacement blades for #598821, price per blade, need two per tool

**⚠ WARNING:** This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## Aircraft Cable

### Stainless Steel

Item#	Size	Dia.	Breaking Strength
61731	7x7	3/32"	920 lbs.
61739	7x7	1/8"	1,700 lbs.
61739-250	7x7 250'	1/8"	1,700 lbs.
61739-500	7x7 500'	1/8"	1,700 lbs.
61739-1000	7x7 1000'	1/8"	1,700 lbs.
617271	7x19	5/32"	2,400 lbs.
617281	7x19	3/16"	3,700 lbs.
617281-250	7x19 250'	3/16"	3,700 lbs.
617281-500	7x19 500'	3/16"	3,700 lbs.
617281-1000	7x19 1000'	3/16"	3,700 lbs.
617291	7x19	1/4"	6,400 lbs.
617276	7x19	5/16"	9,000 lbs.

### Galvanized

Item#	Size	Dia.	Breaking Strength
52260	1x7	1/16"	500 lbs.
52260-500	1x7 500'	1/16"	500 lbs.
52260-1000	1x7 1000'	1/16"	500 lbs.
61726	7x7	1/8"	1,700 lbs.
61726-250	7x7 250'	1/8"	1,700 lbs.
61726-500	7x7 500'	1/8"	1,700 lbs.
61726-1000	7x7 1000'	1/8"	1,700 lbs.
617261	7x19	1/8"	2,000 lbs.
61727	7x19	5/32"	2,800 lbs.
61728	7x19	3/16"	4,200 lbs.
61728-250	7x19 250'	3/16"	4,200 lbs.
61728-500	7x19 500'	3/16"	4,200 lbs.
61728-1000	7x19 1000'	3/16"	4,200 lbs.
61729	7x19	1/4"	7,000 lbs.
61729-100	7x19 100'	1/4"	7,000 lbs.



### Swagging Tools

- #6032619..... Crimping/Swagging Tool, 18" Red  
 #AS58741..... Crimping/Swagging Tool, 24" Red  
 #59925..... Swagging Tool Heavy Duty

**⚠ WARNING:** This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



### Plastic Curtain Nut

(color may vary)

- #HSH032..... 1/8"  
 #HSH027..... 3/16"

### Aluminum Cable Sleeves & Button Stops



- #52286..... 1/16"  
 #52284..... 1/8"  
 #52283..... 3/16"  
 #52285..... 1/8" x 3/16"  
 #52288..... 3/32"  
 #522844..... 1/4"  
 #HSH064..... 1/8" Button Stop  
 #HSH066..... 3/16" Button Stop  
 #HBASTOP093..... 3/32" Button Stop  
 #HB7040..... 5/32" Sleeve

**⚠ WARNING:** This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



### Sta-Kon Crimpers

- #HE823015..... Klein 100S Red Handle  
 #10906..... Economy Crimper

**⚠ WARNING:** This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



### Sta-Kon

- #52328..... 1/8" open  
 #61800..... 1/8" closed  
 #61810..... 3/16" open

**⚠ WARNING:** This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



### Cable Clamps

- #61732..... 1/8" Galvanized  
 #61733..... 3/16" Galvanized  
 #61734..... 1/4" Galvanized  
 #HSH052..... 1/16" Shocker wire clamp  
 #617321..... 1/8" Stainless Steel  
 #617331..... 3/16" Stainless Steel

**⚠ WARNING:** This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)





### Air Transfer Gasket

#JPT2436 ..... Gasket



### Tether Kit

#JAN3213 ..... 1 per 120' Unit

### Blower Motor

- 1/40 Hp
- 115V
- .60/ .75 amps
- 2420/2480 rpm
- 148 CFM at free air
- 60 Hz



#HS9070 ..... Blower Motor

#### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



### Poly Patch

#JPP4 ..... 4" x 48"



### Black Flex Hose

#JA6967 ..... 3" x 3'



### Polyvent III Bag

#JAPV5 ..... 5' Polyvent Bag  
#JAPV4 ..... 4' Polyvent Bag  
#JAPV3 ..... 3' Polyvent Bag

### Poly Pockets



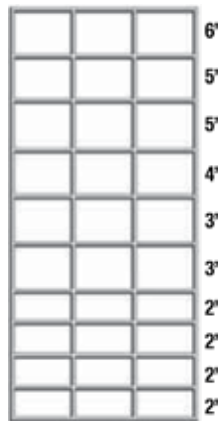
Front

Back

### Poly Curtain Pockets

Roto moulded from high density polyethylene for excellent impact strength. Formulated with UV inhibitors to prevent discoloration. Average thickness of .200"

#PCP1496 ..... 14" x 96" White poly, pair  
#PCP1866A ..... 18" x 66" White poly, pair  
#PCP1884A ..... 18" x 84" White poly, pair



### Welded Hog Panel

- Constructed of .225 dia wire with 8" vertical spacing. Welded before galvanizing.



#80641 ..... 34" x 16' galv. welded hog panel  
#80647 ... Horse panel, 2' x 16' 4 Gauge, 2 x 4 Spacing

#### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



### Stainless Steel Curtain Pockets

- 304 Stainless Steel
- 18 gauge

#8410961500 ..... Curtain pocket left 18" x 96"  
#8410971500 ..... Curtain pocket right 18" x 96"  
#8420011500 ..... Curtain pocket left 18" x 66"  
#8420031500 ..... Curtain pocket right 18" x 66"

#### ⚠ WARNING:

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### VCS Curtain System

- Minimizes rodent nesting problems
- Visual appearance improvement
- Easy Clean-Up
- Extended life compared to previous method of closure
- Design ease for future replacement or repairs
- Easy 4-step installation

#61849 ..... 18' sections w/hardware  
#61894 ..... Curtain pockets  
#617256 ..... Cord With Beads

## Pro-Tech, Inc. Curtain Minder CM5000D

A knob on the front of the Curtain-Minder controls the delay time for releasing the curtain winches. The delay is adjustable between zero and ten minutes. Zero or near zero allows the operator to test the systems and the curtain winching system quickly. The adjustment also provides the operator the ability to match the transfer time on an automatic standby generator.

- 230 Volt
- Adjustable 0-10 minute time delay
- Alarm output
- Controls up to 4 winch kits
- 12 volt battery

#52208.....Curtain Minder CM5000D



## Pro-Tech Winch Kit

The WK1510 is the original WK1500 but includes a reed switch which can be used as alarm output.

#WK1510.....Winch Kit

### WARNING:

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## PowerDrop™ for affordable protection

- Alarm contact for the PowerDrop™ signals an alarm system upon the release of the curtain.
- Switch features stainless steel actuator and watertight construction
- 304 S.S. Construction
- Contacts are normally open or normally closed, rated at 3 amps 250 volts
- Not effected by cold or wet weather
- 5 minute drop delay
- Battery free operation
- Now for Poultry with 2-minute delay

#PD120.....120 V, 5 min delay  
#PD120P.....120 V, Poultry, 2 min delay  
#PD120A.....120 V, 5 min delay w/ alarm contact  
#PD120PA.....120 V, Poultry, 2 min delay w/ alarm contact  
#PD208.....208 V, 5 min delay  
#PD208P.....208 V, Poultry, 2 min delay  
#PD208A.....208 V, 5 min delay w/ alarm contact  
#PD208PA.....208 V, Poultry, 2 min delay w/ alarm contact  
#PD240.....240 V, 5 min delay  
#PD240P.....240 V, Poultry, 2 min delay  
#PD240A.....240 V, 5 min delay w/ alarm contact  
#PD240PA.....240 V, Poultry, 2 min delay w/ alarm contact  
#PDA.....Alarm kit

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## Linear Vent Actuator

Hog Slat's 24" Linear Actuator is designed to be used with automatic ventilation controls. Bi-directional control with a built-in potentiometer feedback for position sensing of inlets with adjustable limit switches. Clamped extension boots and superior motor seals offer improved protection of interior components from dust and water. Includes terminal connection enclosure. Hog Slat's linear actuator has an IP Code (or International Protection Rating) of 65 versus competitive brand's rating of only 53. 50 inlet capacity with a 1:1 ratio. 800 pound max load at a 1:1 ratio.

Item#	Voltage	Travel/Sec.	Housing Color
#HS667-24	120	1/4"	Blue
#HS667-24-240	240	1/4"	Blue
#HS667B-24	120	5/64"	Black

#HS667-01KIT.....Optional 12 ga. galvanized mounting bracket, 10.22" x 51" w/ hdwr



### WARNING:

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\*Shown with optional mounting bracket  
#HS667-01KIT



## Hired Hand Curt-O-Matic

- Automatically drops the side curtains of your confinement house if the power should fail.
- With optional thermostat – Automatically drops the side curtains in the event of high temperature extremes, preventing thousands of dollars in potential loss.
- A huge return for a small investment.
- The best way to insure your investments!

#H6608-0105.....240 V  
#H6608-0100.....120 V  
#H6608-0101.....Curt-O-Matic Complete with Thermostat 120 V  
#H6608-0106.....Curt-O-Matic Complete with Thermostat 240 V  
#H6608-0115.....Curt-O-Matic with Auxiliary Fan Switch  
#H0412-1382.....Replacement Bi Metal Finger Heating Element  
#H6408-1225.....Replacement Release Arm  
#H6408-2228....."J" Holder/Hook for Winch  
#H6450-1220.....Hardware Package for Curt-O-Matic

### WARNING:

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## Replacement Tether Parts for Curtain Drops

#HSPDTKJ.....Replacement J-Hook  
#HSPDTKC.....Replacement Cable



### WARNING:

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Optional chain & sprocket drive eliminates cable breakage. Features a 13 tooth sprocket with a size 50-5/8" roller chain.



### Smooth Operation

Aluminum load block rides on acetal plastic bearings and guide blocks imbedded in the cabinet side, for smooth motion and to stabilize the shaft.



### Easy Servicing

Features a removable front cover, precision cut outs, and swivel points to allow for easy removal of the ACME screw and block.



Three sealed, ball bearing head pulleys for multiple mounting options. Farm-duty, ACME screw efficiently transfers power to load block.



### Suited for Multiple Motor Sizes

Fitted for 120V, 240V, 15, 30 and 60 RPM models.

### Simple Limit Switch

Dual limit switch is backed by secondary safety lock-out switch. Includes auxiliary switch for backup fans.



### Local Controls

Manual control switch allows for quick adjustments of the screw and limit switch positions directly from the box.

### Patented Closure Patent #10,314,283 B2

Water resistant box protects switches and electrical components in one single enclosure.

#HS583E-2415	24" travel, 15 rpm, cable system
#HS583E-2430	24" travel, 30 rpm, cable system
#HS583E-2460	24" travel, 60 rpm, cable system
#HS583E-2430S	24" travel, 30 rpm, sprocket drive
#HS583E-3615	36" travel, 15 rpm, cable system
#HS583E-3630	36" travel, 30 rpm, cable system
#HS583E-3660	36" travel, 60 rpm, cable system
#HS583E-3630S	36" travel, 30 rpm, sprocket drive
#HS583E-4830	48" travel, 30 rpm, cable system
#HS583E-4860	48" travel, 60 rpm, cable system
#HS583E-4830S	48" travel, 30 rpm, sprocket drive

**WARNING:** This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



### Multi-Curtain Machine Isolator

Allows up to 4 curtain machines, linear actuators or other climate management equipment to be controlled in unison by a single input signal. Each output is an isolated dry contact SPDT relay output allowing a variety of connection possibilities. 120V control signal with 5 amp contact rating.

#HS766..... Isolator



### Gear Motor

- 115 V, 60 Hz, 1/8 HP
- 30 RPM



#HS9050	115V, 30 rpm
#HS9051	230V, 30 rpm
#HS9052	115V, 60 rpm
#HS9053	230V, 60 rpm

### WARNING:

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### Raise-Off-Lower Switch

- Prev. #G1775



#EL1001 ..... Raise-Off-Lower Switch

### WARNING:

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### Toggle Switch

- DPDT, 10 Amp, 250 V, 2 Position



#EL1005 ..... Toggle Switch

### WARNING:

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### Acetal Load Nut

#HS583-8-2A ..... Acetal Load Nut



### Bearing Flange

- 1" I.D. 3-piece

#HS583-42 ..... Bearing Flange



### WARNING:

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### Snap Action Roller Switch

- 15 Amp

#EL1135 ..... Snap Action Roller Switch



### Acme Screw

- 36"

#HS583-11A36B ..... Acme Screw



### WARNING:

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### Curtain Machine Side Cover

Plastic side cover to protect openings on GrowerSELECT curtain machines where cable and chain exit.

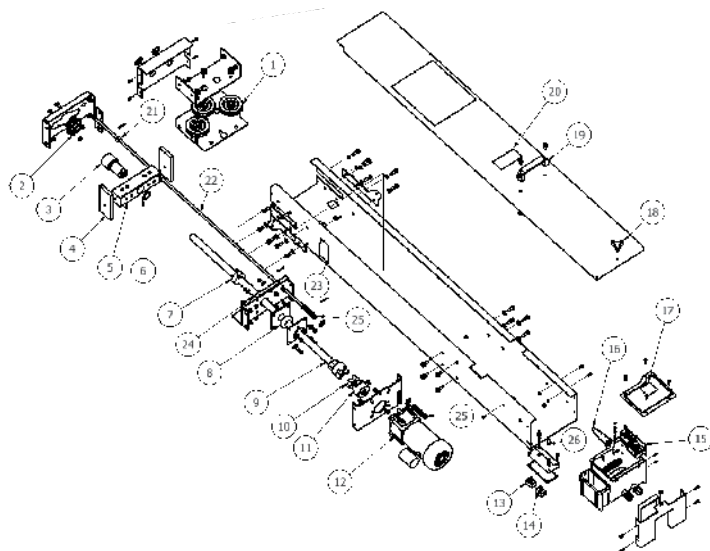
#HS583-100 ..... Cover





## HS583E Curtain/Vent Machine Replacement Parts

Key	Part#	Qty.	Description
1	HS583-34	3	Pulley, Cast 3-1/2", double ball bearings
2	HS583-42	1	Bearing Flange 1" I.D
3	HS583-8-2A	1	Load Nut Replacement Kit
4	HS583-9	2	Slide, load block
5	HS583-8	1	Kit, Complete Load Block Assembly & Load Nut
6	HS583-8-7	1	1-1/4" External snap ring, supplied with HS583-8-2A
7	HS583-41	1	Threaded collar, seal thrust bearing nylon
8	HS583-12	1	Thrust bearing, 1" ID, D9
9	HS583-11A24B	1	ACME screw, 24" machine
	HS583-11A36B	1	ACME screw, 36" machine
	HS583-11A48B	1	ACME screw, 48" machine
10	HS613		Spider Gear-spacer Hytrel (white) LO90/LO95
11	LOV38146	1	Coupling Jaw LO95 5/8" bore & keyway
12	HS9050	1	Motor 1/8 HP, 115V AC, 60 Hz, 1.9A FL, 28RPM
	HS9051	1	Motor 1/8 HP 230V AC, 50/60Hz, 0.75/0.90A FL, 24/29 RPM
	HS9052	1	Motor 1/8 HP, 115V AC, 60 Hz, 1.65A FL, 16RPM
	HS9053	1	Motor 1/8HP 115V 60Hz, 1.9A FL, 60RPM
	HS9054	1	Motor 1/8HP 230V 50/60Hz, 0.75/0.90 FL, 60RPM
13	EL1001	1	Switch, Toggle SPDT , 10A @ 250 Volt, CTR OFF
14	EL1005	1	Switch, Toggle DPDT , 10A @ 250 Volt, CTR OFF
15	HS583E-31	1	Switch assembly with (6) EL1135 micro switches for enclosed style only.
16	HS583-46-6	1	Bellows Rubber Limit Rod
17	HSLABEL-008	1	Label, Warning-Shock Hazard
18	HS612	1	Knob, tri-handle, 1/4-20 insert
19	HS583-45	1	Handle, Front door
20	HSLABEL-084	1	Label, "Caution Automatic Equipment"
21	HS583-28	2	Collar, steel 3/8" w/ set screw



### WARNING:

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Key	Part#	Qty.	Description
22	HS583-27-24	1	Limit rod, 24" machine
	HS583-27-36	1	Limit rod, 36" machine
	HS583-27-48	1	Limit rod, 48" machine
23	HSLABEL-083	2	Label, "Warning Moving Parts"
24	HSLABEL-087	1	Label, "Grease Location"
25	HS583-29	2	Spring, limit rod
26	EL1083	2	Rubber cover, toggle switch

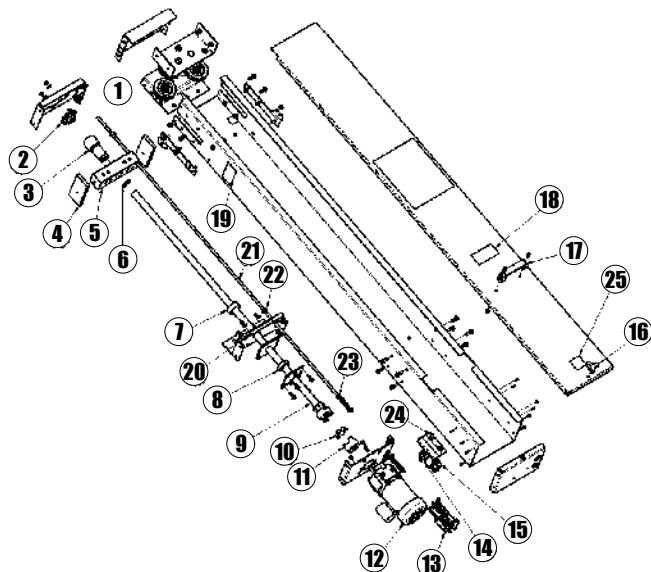
## HS583 Curtain/Vent Machine (without enclosed switches)

Key	Part#	Qty.	Description
1	HS583-34	3	Pulley, Cast 3-1/2", double ball bearings
2	HS583-42	1	Bearing Flange 1" I.D
3	HS583-8-2A	1	Load Nut, acetal plastic
4	HS583-9	2	Slide, load block
5	HS583-8	1	Load block assy., load nut, cotter pins
6	HS583-8-7	1	1-1/4" External snap ring & HS583-8-2
7	HS583-41	2	Threaded collar, seal thrust bearing nylon
8	HS583-12	1	Thrust bearing, 1" ID, D9
9	HS583-11A24B	1	ACME screw, 24" machine
	HS583-11A36B	1	ACME screw, 36" machine
	HS583-11A48B	1	ACME screw, 48" machine
10	HS613	1	Spider Gear-spacer Hytrel (white) LO90/LO95
11	LOV38146	1	Coupling Jaw LO95 5/8" bore w/keyway
12	HS9050	1	Motor 1/8 Hp 115V 60 Hz 30RPM AC
13	HS583-31	1	Switch assy. & (6) EL1135 micro switches
14	EL1001	1	Switch, Toggle SPDT , 10A @ 250 Volt, CTR OFF
15	EL1005	1	Switch, Toggle DPDT , 10A @ 250 Volt, CTR OFF
16	HS612	1	Knob, tri-handle, 1/4-20 insert
17	HS583-45	1	Handle, Front door
18	HSLABEL-084	1	Label, "Caution Automatic Equipment"
19	HSLABEL-083	2	Label, "Warning Moving Parts"
20	HSLABEL-087	1	Label, "Grease Location"
21	HS583-27-24	1	Limit rod, 24" machine
	HS583-27-36	1	Limit rod, 36" machine
	HS583-27-48	1	Limit rod, 48" machine
22	HS583-28	2	Collar, steel 3/8" w/ set screw
23	HS583-29	2	Spring, limit rod
24	EL1083	2	Rubber cover, toggle switch
25	HSLABEL-008	1	Label, "Warning-Shock Hazard"

### Enclosed Switch Retrofit Kit

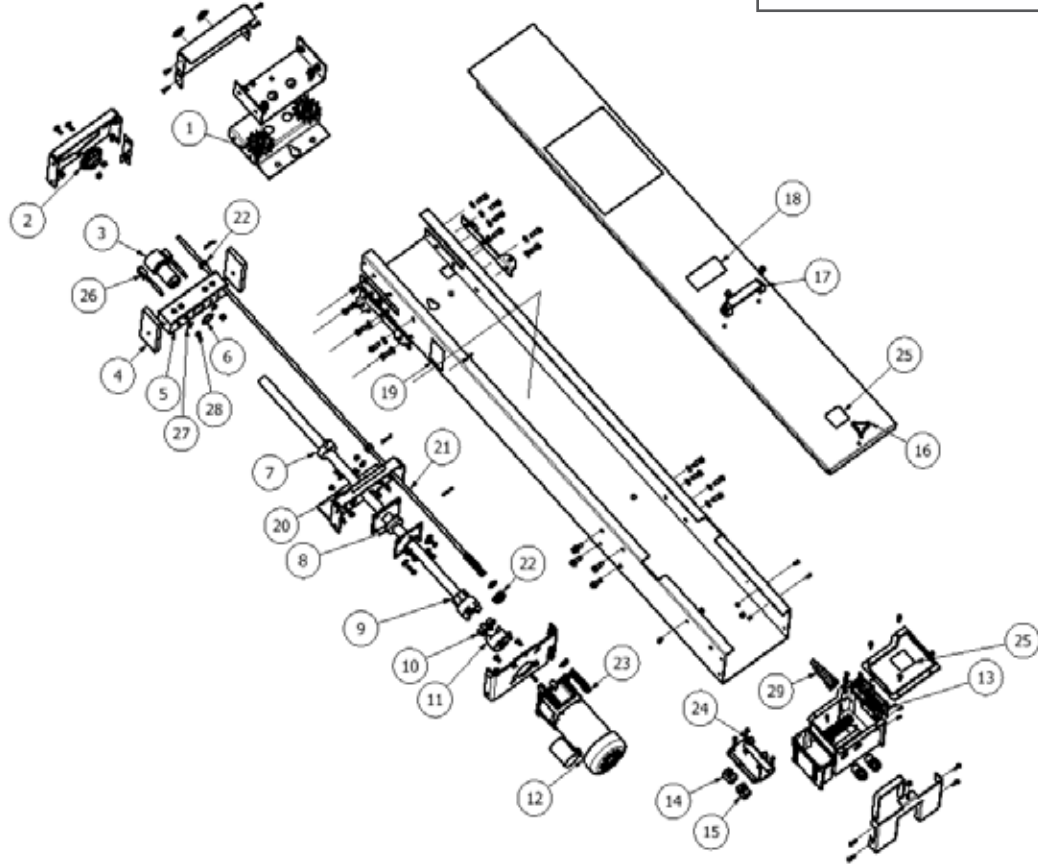
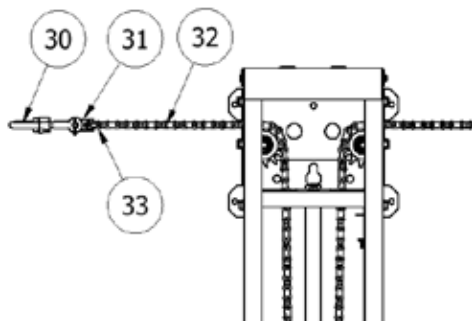
Retrofit Kit converts machines with exposed limit switches and controls.

#HS583E-46KIT .....Retro kit



### WARNING:

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## HS583E Curtain/Vent Machine, Sprocket Drive

Key	Part#	Qty.	Description
1	HS583-44	2	Sprocket, 13 Tooth #50, w/ Sealed Ball Bearings
2	HS583-42	1	Bearing Flange 1" I.D
3	HS583-8-2	1	Load Nut, nylon
4	HS583-9	2	Slide, load block
5	HS583-8	1	Load block assembly w/ load nut & cotter pins
6	HS583-8-7	1	1-1/4" External snap ring, supplied with HS583-8-2
7	HS583-41	2	Threaded collar, seal thrust bearing nylon
8	HS583-12	1	Thrust bearing, 1" ID, D9
9	HS583-11A24B	1	ACME screw, 24" machine
	HS583-11A36B	1	ACME screw, 36" machine
	HS583-11A48B	1	ACME screw, 48" machine
10	HS613	1	Spider Gear-spacer Hytrel (white) LO90/LO95
11	LOV38146	1	Coupling Jaw LO95 5/8" bore with keyway
12	HS9050	1	Motor 1/8 Hp, 115V AC, 60 Hz, 1.9A FL, 28RPM
	HS9051	1	Motor 1/8 Hp 230V AC, 50/60Hz, 0.75/0.90A FL, 24/29 RPM
	HS9052	1	Motor 1/8 Hp, 115 V AC, 60 Hz, 1.65A FL, 16 RPM
	HS9053	1	Motor 1/8 Hp 115 V 60Hz, 1.9A FL, 60 RPM
	HS9054	1	Motor 1/8 Hp 230V 50/60Hz, 0.75/0.90 FL, 60 RPM
13	HS583E-31	1	Switch assembly with (6) EL1135 micro switches for enclosed style only
14	EL1001	1	Switch, Toggle SPDT, 10A @ 250 Volt, CTR OFF
15	EL1005	1	Switch, Toggle DPDT, 10A @ 250 Volt, CTR OFF

### WARNING:

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Key	Part#	Qty.	Description
16	HS612	1	Knob, tri-handle, 1/4-20 insert
17	HS583-45	1	Handle, Front door
18	HSLABEL-084	1	Label, "Caution Automatic Equipment"
19	HSLABEL-083	2	Label, "Warning Moving Parts"
20	HSLABEL-087	1	Label, "Grease Location"
21	HS583-27-24	1	Limit rod, 24" machine
	HS583-27-36	1	Limit rod, 36" machine
	HS583-27-48	1	Limit rod, 48" machine
22	HS583-28	2	Collar, steel 3/8" w/ set screw
23	HS583-29	2	Spring, limit rod
24	EL1083	2	Rubber cover, toggle switch
25	HSLABEL-008	2	Label, Warning-Shock Hazard
26	HS583-8-5	2	Bolt Adapter #50 Chain Curtain Machine
27	60580	2	Washer Flat SS 5/16"
28	60681	2	Nut Lock 5/16"
29	HS583-46-6	1	Bellows Rubber Limit Rod
30	HS583-55	2	Swivel 3/8" Eye/Jaw Galv
31	HS583-8-6	2	Adapter #50 Chain
32	HS583-70	1	(2) 36" #50 Roller Chain for 24" machine
	HS583-80	1	(2) 48" #50 Roller Chain for 36" machine
	HS583-90	1	(2) 60" #50 Roller Chain for 48" machine
33	EL50RC	4	Master link, #50 chain



### DuraDrive

#DI710AC2009.....	Curtain Machine
#DI710AI2009.....	Inlet/Vent Machine
#DI710AGCU.....	Replacement Gearbox, limit switches, relay
#DI710AMR2.....	Motor 220 V
#DI710AMTR.....	Motor 110 V
#DI710ARE1MOD.....	Relay Set 110V Modified W/Safety Switches
#DI710AWDC.....	Winch Drum for Curtain Machine
#DI710AWDI.....	Winch Drum for Inlet Machine

#### ⚠ WARNING:

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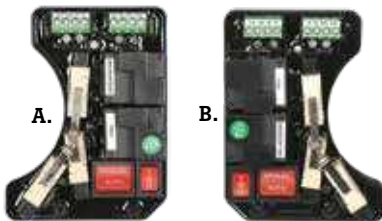


### Motor

#DI710AMJR14.....	1/4 Hp Motor only, 110V
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#### ⚠ WARNING:

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### Relay, 110 V

A) #DI710AELEC.....	Right hand
B) #DI710AELECLH.....	Left Hand

### Door Install Kit

#DI6400008.....	Seam caps & Screws
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#### ⚠ WARNING:

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### Strap Kit

#DI6400003.....	Tunnel Door
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#### ⚠ WARNING:

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### Dura Drive for Tunnel Doors

#DI710AG3250DVM.....	Complete unit right hand, 110V
#DI710AG3250.....	Right hand, gear only 250 w/110 volt relay set
#DI710AG3250DVMLH.....	Complete unit, left hand, 110V
#DI710AG3250LH.....	Left hand, gear only 250 w/110 volt relay set

#### ⚠ WARNING:

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### Racket Wrench

#DI6400024.....	For strap kit
-----------------	---------------

#### ⚠ WARNING:

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### Hinge

#DI6120043.....	2"
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#### ⚠ WARNING:

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### Spacer

#DI6120042.....	For hinge
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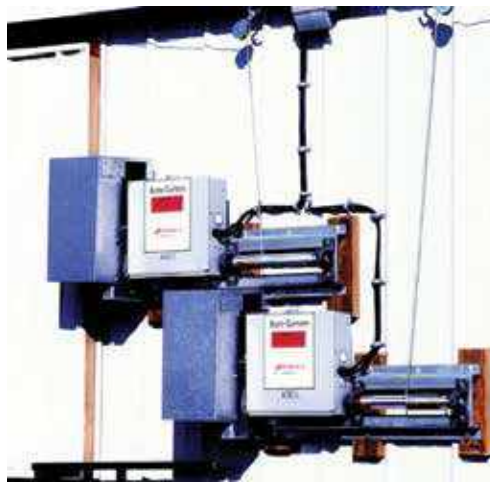
### Door Seal

#DI6400019.....	3 Rib
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## A.T. Newell Style Curtain Machines



### Whisker Switches



#HSAC1568 ..... Assembly  
#EL1126 ..... Micro switch only

### Terminal Block



#G1763 ..... 6 position

#### ⚠ WARNING:

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### Bearing



#12G ..... 3/4" pillow block, Prev.# G1292

#### ⚠ WARNING:

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### GrowerSELECT Manual-Auto Switch



#EL0999 ..... 3 prong

#### ⚠ WARNING:

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### Micro Whisker Switch



• Replaces OEM# 1568

#EL1126 ..... Switch only

#### ⚠ WARNING:

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### Limit Switch Actuator



#G1126 ..... Limit switch actuator



### Belts



#HSA24 ..... V-belt, 26"

### GrowerSELECT Raise Off - Lower Switch



#EL1001 ..... Prev.# G1775

#### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

### Thermostat



#59601 ..... 2-stage replacement

### Motor Pulley



• Replaces OEM# 1412  
• 3" Dia.  
• 1/2" bore

#PAK3012 ..... AK30-1/2

### GrowerSELECT 1/2 Hp Motor



#HS9013 ..... 1725 RPM, 115V, 1Ph, 60Hz

#### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

### Relay - Reversing



#GAC1558-1K ..... w/115 vac coils

### GrowerSELECT Limit Switch



#EL1059 ..... Limit switch

#### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

### Motor Only



#HS1742 ..... 1 RPM, 60Hz 110V

#### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

### 4 Circuit Timer and Motor



#G1738 ..... Timer complete



## Natural Ventilation Control

- Adjustable on/off run time
- Automatic control with manual override
- Remote sensor

#GTC1-NV.....Natural vent controller

### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## GrowerSELECT Gear Motor

- 1/7 Hp
- 25 Rpm
- 115 V

#HS9056.....OEM# G53-0103BA

### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## Gear Motor

- Comes with block and hardware
- 30 RPM
- 110V

#G53-0230.....w/ block and hardware

### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## Bearing

- 1" pillow lock bearing, locking collar included

#16G.....Bearing, OEM# G16-0076

### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## Curtain Controllers

The newly-designed curtain controller is a screwdriven automated curtain machine with an 1/8 Hp, 115 vac, 60 Hz motor in either 15, 30 or 60 RPM. Multidirectional, frame-mounted, head pulleys and latch out assembly are standard on all machines. Thermostat controls, electronic controls and extra bracket kits are sold separately. Comes with a 3,000-lb. lift capacity.

#GCC3615 ..... 15 RPM, 36" travel  
#GCC3630 ..... 30 RPM, 36" travel  
#GCC3660 ..... 60 RPM, 36" travel  
#GSPRKT3630 ..... 30 RPM, 36" travel w/sprocket

### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## Top Coupler

#G52-0330 .....Top Drive Coupler w/ welded nut

### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## Bottom Coupler

#LOV38146 ....Lower Drive Coupler w/ lock collar

### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## Drive Block

- 1) #HS631 .....Plastic Insert, OEM# 52-0275
- 2) #G52-0276 .....Drive Block Assy w/ side wheels

### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## Bearing

#GAC52-0174 .....Thrust bearing w/ support

### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## Switches

3) #EL1041 ..... Limit switch

### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## Spider Gear

#HS613 ..... Hytrel spider gear



## Drive Screw

#G50-0056 ..... 36" travel drive screw

### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



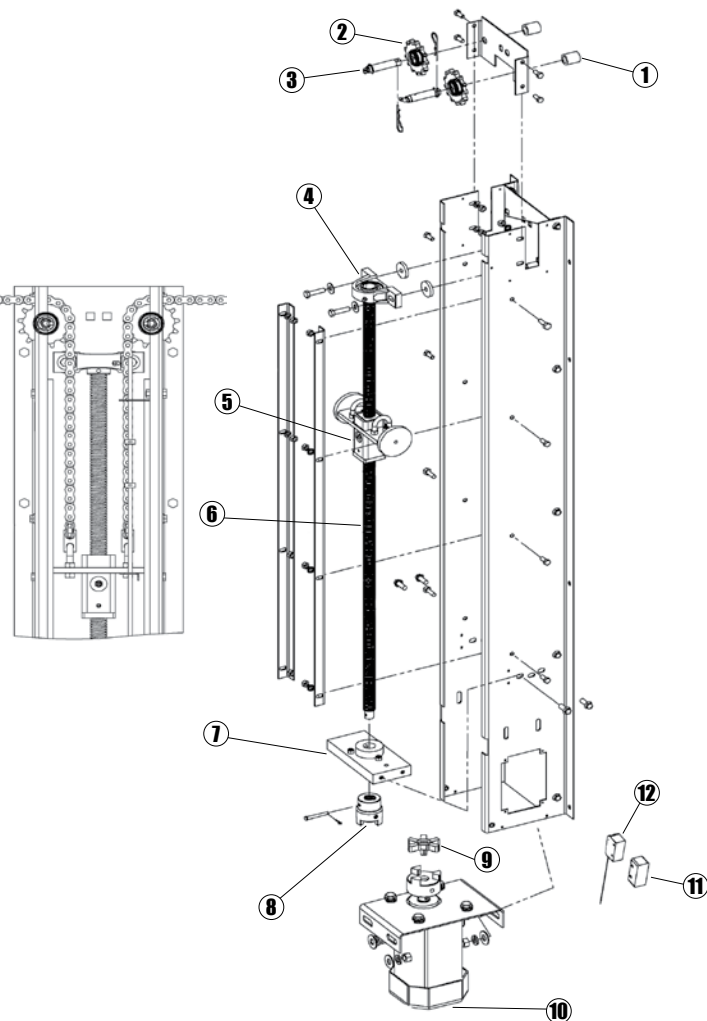


## Airstream Curtain Controller - Sprocket & Chain Drive

- |                      |                                      |
|----------------------|--------------------------------------|
| 1) #G52-0010 .....   | Pulley Spacer                        |
| 2) #G52-0298 .....   | #50 Sprocket w/ needle bearing       |
| 3) #G52-0188M .....  | Sprocket shoulder bolt               |
| 4) #16G .....        | 1" Pillow block bearing              |
| 5) #G52-0276 .....   | Drive block assembly w/ nylon insert |
| 6) #G50-0056 .....   | Drive screw, 24" travel              |
| 7) #GAC52-0174 ..... | Bearing kit w/ bearing cover         |
| 8) #G52-0330 .....   | Drive coupler                        |
| 9) #HS613 .....      | Spider gear                          |
| 10) #G52-0051 .....  | Motor, 30 rpm                        |
| 11) #EL1125 .....    | Limit switch                         |
| 12) #EL1126 .....    | Whisker switch                       |
| 13) #HS583-55 .....  | Swivel for chain kit                 |
| 14) #G52-0297 .....  | Chain adapter                        |
| 15) #G52-0300 .....  | #50 chain, 48" long                  |

### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## Strap Drive Machine

Cost effective strap drive machine for controlling inlet doors and curtains. Reduced maintenance with sealed and lubricated gearbox and nylon strap belt. Easy set external limit switches with instantly reversible 1/2 hp, 115 volt motor.

- Shaft RPM - 2.1
- Belt Speed - 28 Ft/min
- Power - 5,000 lbs
- Pulls - 2,500 lbs
- Belt - 14 Ft

### Application Guidelines:

- Curtains - 500 feet long
- Inlet Vents - 100 (Cabled 2:1 to slow)
- Tunnel Doors - 240 feet long

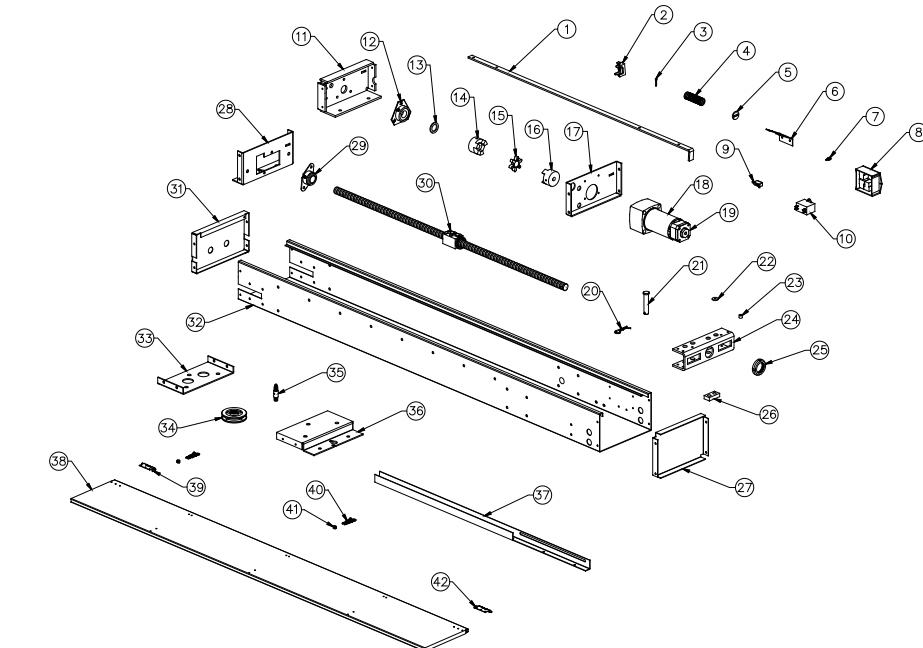
#PCSW2500 .....Strap Drive Curtain and Inlet machine





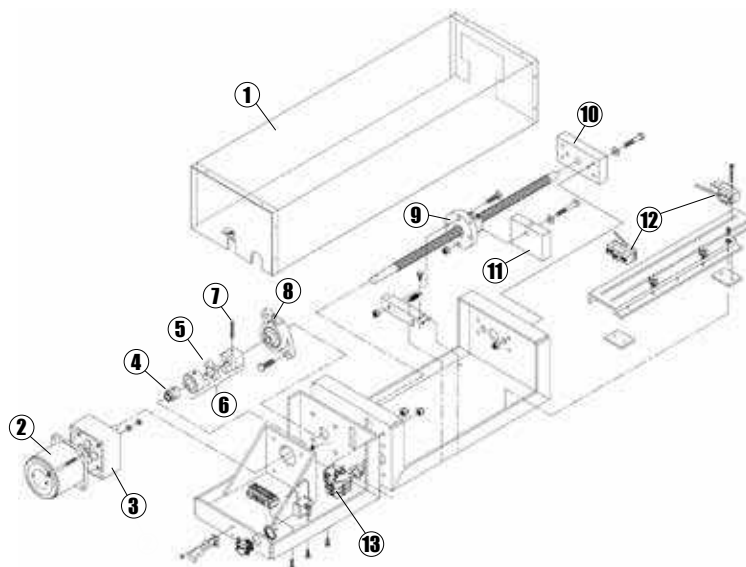
## Aerotech Curtain Machine BA4000

- 1) #AC1955 ...Bar, limit switch activation, BA4xx2
- #AC1956 ...Bar, limit switch activation, BA4xx3
- #AC1957 ...Bar, limit switch activation, BA4xx4
- #AC1959 ...Bar, limit switch activation, BA4xx5
- 2) #AC1941 ..... Clamp, limit adjustment
- 3) #KP1052 ..... Cotter Pin
- 4) #KX1455 ..... Spring, Compression
- 5) #AC1937 ..... Retainer, Limit Switch Spring
- 6) #AC1914 ..... Bracket, Open/Close Switch
- 7) #KE1154 .... Connector, moisture resistant 14-22 AWG
- 8) #AC1939 ..... Circuit Board
- 9) #EL1043 ..... Switch, micro
- 10) #AC1608 .... Capacitor, 12.5 mfd for BA4000 only
- #AC2503 ..... Capacitor, 12.5 mfd for BA4500 only
- 11) #AC1903 ..... Bulkhead, middle
- 12) #AC1905 .... Bearing, thrust, 3-bolt flange, 1" I.D.
- 13) #KW4150 ..... Washer, flat, zinc plated
- 14) #AC1601 ..... Coupler body, 1" bore, O95
- 15) #AC1602 .... Spider Insert, for O90/O95, rubber
- 16) #AC1616 ..... Coupler body, 1/2" Bore, O95
- 17) #AC1904 ..... Bulkhead, lower
- 18) #AC1607 ..... Gearmotor w/ brake, 3 rpm
- #AC1437 ..... Gearmotor w/ brake, 30 rpm
- 19) #AC193 ..... Brakes for AC1606/AC1607, round
- 20) #KP1108 ..... Cotter Hairpin, 1/8" D x 2.5" L
- 21) #KP1252 ..... Clevis pin, non-greaseable
- 22) #KW3023 ..... Flat washer, nylon
- 23) #KX1255 ..... Spacer, nylon
- 24) #AC1901 ..... Cable puller
- 25) #KN1951 ..... Locknut for ballnut
- 26) #AC1915 .... Guide block, on cable puller, plastic
- 27) #AC1910 ..... Chassis Cap, bottom end
- 28) #AC1902 ..... Bulkhead, upper
- 29) #AC1948 ..... Bearing, 2 bolt flange, 1" I.D.
- 30) #AC1486 ..... Ball Screw Assembly, BA4xx2
- #AC1487 ..... Ball Screw Assembly, BA4xx3



- #AC1488 ..... Ball Screw Assembly, BA4xx4
- 31) #AC1909 ..... Chassis Cap, top end
- 32) #AC1922 ..... Chassis, BA4xx2
- #AC1923 ..... Chassis, BA4xx3
- #AC1924 ..... Chassis, BA4xx4
- #AC1926 ..... Chassis, BA4xx6
- 33) #AC1908 ..... Bracket Pulley Cover
- 34) #AC1943 ..... Pulley, w/ bearing
- 35) #AC1961 ..... Spindle for 3.5" Pulley 3
- 36) #AC1907 ..... Bracket, Pulley Base 1
- 37) #AC1916 ..... Pull Retainer, BA4xx2 1
- #AC1917 ..... Pull Retainer, BA4xx3 1

- #AC1918 ..... Pull Retainer, BA4xx4 1
- #AC1920 ..... Pull Retainer, BA4xx6 1
- 38) #AC1928 ... Cover, BA4xx2, w/ hinges/latch 1
- #AC1929 ..... Cover, BA4xx3, w/ hinges/latch 1
- #AC1930 ..... Cover, BA4xx4, w/ hinges/latch 1
- #AC1932 ..... Cover, BA4xx6, w/ hinges/latch 1
- 39) #AC1947 ..... Hinge, cane bolt, RH 1
- 40) #KX1041 ..... Latch, Slide bar assy, SS Varies
- 41) #KX1042 ..... Latch, Lock bushing, ZP 1
- 42) #AC1933 ..... Hinge, cane bolt, LH, ZP



## Aerotech Baffle Actuator

- 1) #AC1333 ..... Cover
- 2) #AC1475C ..... Motor, 120V, w/ capacitor
- 3) #AC1326 ..... (DISC) Gearhead, 360:1
- 4) #AFP2053 ..... Prop fastener, 5/16" x 3/4" OD
- 5) #AC1345 ..... Spider insert, O70 coupler, rubber
- 6) #AC1328 ..... Complete coupler
- 7) #AKP1010 ..... Slotted spring pin, 1/16" D. x 1.25" L
- 8) #AC1070 ..... 2-Bolt bearing flange, 1/2" bore
- 9) #AC1080 ..... Ball screw w/ nut and flange

**WARNING:**  
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- 10) #AC1308 ..... Cable guide block
- 11) #AC1307 ..... Ball nut guide
- 12) #EL1052 ..... Snap action switch with EXT spring, 15A
- 13) #EL1246 ..... DPDT relay, 20A, 120 coil

Part number AC1340, Potentiometer Add-On Kit has been discontinued. Use part number APTRLKS, Stand Alone Potentiometer Kit. Please note, APTRLKS is a separate external unit and does not mount internally like the AC1340.

# Hired Hand Repair Parts

\*Use of Original Manufacturer's part numbers is for reference only



## Hired Hand PowerTrak™

- Modular construction for ease of service.
- 5,000 LB. capacity.
- Built-in head bracket with needle-bearing pulleys.
- Channel lock trak-drive system captures load block.
- 15% increase in load block support surface for greater life.
- Easy-adjust springcam limit switch system.
- Convenient hinged spring lock door is easily removed.
- Greater protection from the elements.

#H6602-0236 ..... 30 RPM, 36" travel  
#H6602-0244 ..... 60 RPM, 36" travel

### ⚠ WARNING:

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## GrowerSELECT

### Replacement Load Nut Assembly

- Plastic insert
- Replaces Brass Load Nut OEM #6402-1254

#HS576 ..... Load Nut Assembly

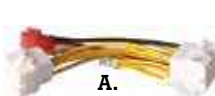


### PowerTrak™ Load Nut Assembly

#H6450-5049 ..... Complete

### ⚠ WARNING:

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## GrowerSELECT

### Wiring Harness

#HS6650-5024 ..... Wiring harness  
#HS1902-0158 ..... 10' Wiring harness

## GrowerSELECT

### Gear Motor

- For new style machine, door opens on hinge
- 115V, 60 Hz, 1/8 Hp

#HS9050 ..... 30 RPM OEM part #6650-0063  
#HS9052 ..... 16 RPM OEM part #6650-0062



### ⚠ WARNING:

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## GrowerSELECT

### Plastic Spider Coupling

#HS613 ..... OEM part #1050-1365

## GrowerSELECT

### 5/8" Lovejoy Coupling

#LOV38146 ..... OEM part #1047-1367



### ⚠ WARNING:

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## GrowerSELECT

### Acetal Load Nut

#HS583-8-2A ..... Acetal Load Nut



## GrowerSELECT

### Aluminum Load Block

#HS574 ..... OEM part #0401-3560



### ⚠ WARNING:

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### Temperature Sensor

- Replaces sensor for all Hired-Hand controls

#EL1087 ..... Temperature sensor



## GrowerSELECT

### Gear Motor

- Bison - old style
- Door lifts off

#HS9050-0602 ..... 30 RPM, 110V



### ⚠ WARNING:

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## GrowerSELECT

### Limit Switch Assembly

#HS838 ..... 9 wire, old style  
#HS837 ..... 3 wire, new style



### ⚠ WARNING:

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### Switches

- 1) #EL1135 ..... Limit switch
- 2) #EL1042 ..... Short arm upper safety switch
- 3) #EL1039 ..... Lower limit switch



### ⚠ WARNING:

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## Automatic Curtain Control

The HS740 Automatic Curtain Controller is used to control up to two curtain machines or linear actuators in order to regulate the temperature inside a room. Built-in timer reads signal from thermostat or other input every five minutes to open or close curtains.

- Adjustable open and close times
- 120 Volt
- 8 Amp contact rating



#HS740.....Automatic curtain control

## Negative Pressure Vent Control

This controller opens and closes vents as required to maintain the building's static pressure within the defined range set the high and low limit pointers.

- Manual / Auto selection
- 120 V
- 3-wire connections
- Includes 25' of tubing.



#HS653.....Negative Pressure Control



## Cube Relay for Vent Controller

- 3PDT, 120V, 11 pin - for 8 wire

#EL1013.....replaces HH OEM# 3015-1548



## Plug-in Relay for Vent Controller

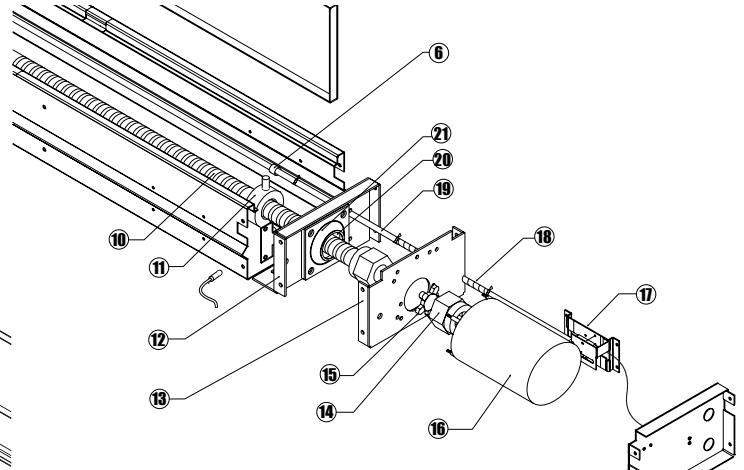
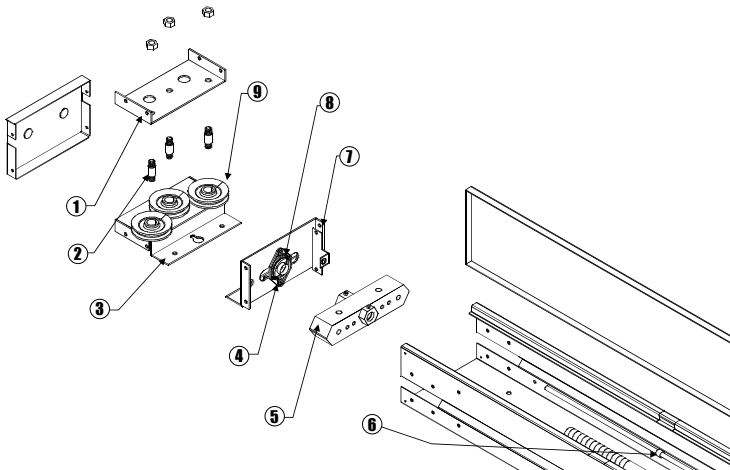
- DPDT, 120V, 8 pin - for 3 wire

#EL1015.....replaces HH OEM# 3015-2884



## Photohelic Gauge

#HS650KIT.....Photohelic gauge



## Hired Hand PowerTrak Inlet Machine

- |                 |                                |
|-----------------|--------------------------------|
| 1) #H0404-5011  | Pulley bracket                 |
| 2) #H6450-2881  | Pulley shaft                   |
| 3) #H0404-5012  | Head bracket                   |
| 4) #H0404-0101  | Upper flange brkt              |
| 5) #H6450-5049  | Load block nut                 |
| 6) #HS583-28    | 3/8" steel collar              |
| 7) #H0404-5040  | Top bearing plate              |
| 8) #16S         | 1" insert pillow block bearing |
| 9) #G50-0089    | Cast pulley                    |
| 10) #H6402-0107 | Drive screw, 1'                |
| 11) #HS583-41   | Plastic-threaded collar        |

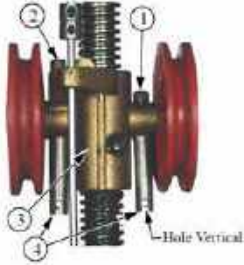
**WARNING:**  
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- |                  |                         |
|------------------|-------------------------|
| 12) #H0404-5016  | Load-bearing bracket    |
| 13) #H0404-5019  | Motor mount             |
| 14) #LOV38146    | 5/8" Lovejoy coupling   |
| 15) #HS613       | Spider coupling         |
| 16) #HS9050      | Motor, 30 rpm, 120V     |
| 17) #H6450-0205  | Limit switch assy       |
| 18) #H1024-0102  | Spring, 3" x .04 ID     |
| 19) #H0201-3129  | Limit rod assy, 1'      |
| 20) #HS583-12    | Thrust bearing          |
| 21) #H0404-5023  | Bottom bearing flange   |
| N/A) #H6450-5500 | Sprocket conversion kit |



# Chore-Time Linear-Lift™ & ProTerra Winch

\*Use of Original Manufacturer's part numbers is for reference only



- 1) #C5083-8 ..... 1/4-20 x 1.50 Socked HD Cap Screw
- 2) #23212 ..... 1/4-20 x 2.25 Socked HD Cap Screw
- 3) #C41957 ..... Brass Nut
- 4) #AGL44417 ..... Chain Connecting Rod
- 5) #AGL20017 ..... Connecting Link

**WARNING:** This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



**GrowerSELECT**  
**Motor**

#HS9042 ..... 1/3 Hp, 1625/1425 RPM,  
208-230/220-240 V

**WARNING:**

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



**Chore-Time Gear Box**

#C3261-15 ..... Chore-Time Gear Box

**WARNING:**

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



**Chore-Time Switch Assembly**

#C38904 ..... Chore-Time Switch  
#EL1056 ..... SPDT switch replaces OEM# 46324



**GrowerSELECT**

**SOX Spider Spacer**

#LOV10621 ..... C3633



**Chore-Time Thrust Bearing Bracket**

#C35566 ..... Chore-Time Thrust Bearing Bracket

**WARNING:**

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**Chore-Time Pulley Wheel**

#C41540 ..... Chore-Time Pulley Wheel



**Machined Flexible Coupling**

#C35944 ..... Machined Flexible Coupling

**WARNING:**

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



**GrowerSELECT**  
**Pinion**

#HSP05 ..... Chore-Time OEM# 3429

**WARNING:**

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



**Chore-Time Drive Screw**

#C35945-4 ..... Chore-Time Drive Screw

**WARNING:**

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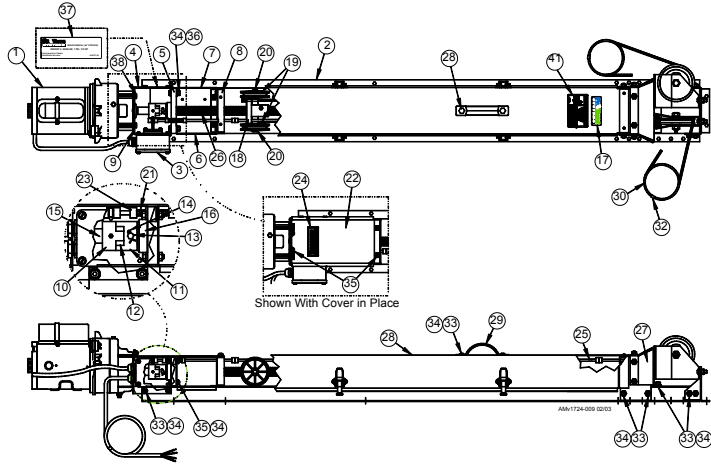
**Chore-Time Nut Assembly**

#C41957 ..... Chore-Time Nut Assembly

**WARNING:**

This product can expose you to chemicals, including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

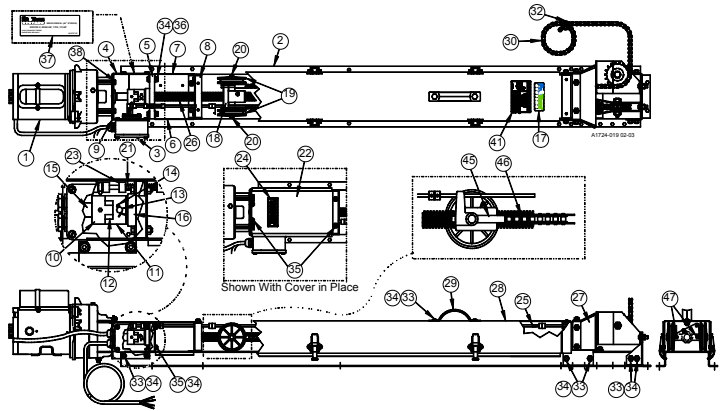
# Proterra AGLA47859 Series (Standard)



## Proterra AGLA47859 & AGLA48028 Series Curtain Winch parts

1) #AGL42780	115 V Motor
#AGL36370	230 V Motor
2) -	Swivel Top Winch Base
#AGL47836-26	26"
#AGL47836-36	36"
#AGL47836-48	48"
#AGL47836-66	66"
4) #AGL47762	L.H. Winch Motor Bracket
5) #AGL47763	Winch Thrust Bracket
6) #AGL47771-2	R.H. Winch Panel
7) #AGL47771-1	L.H. Winch Panel
8) #AGL47772	Winch Swivel Partition
9) #AGL47834	Winch Cover Bracket
10) #AGL36363-2	Flexible Type L Coupling
11) #AGL35944	Flexible (Mach.) Coupling
12) #LOV10621	"SOX" Spider Spacer
14) #AGL2663	.125" x .75" Cotter Pin
15) #HS806	3/16" x 1" Square Key
16) #AGL36397	Industrial Thrust Bearing
17) #AGL2525-68	ProTerra Decal
18) #C47759	Machined Winch Nut
19) #AGL2503	Red Pulley Wheel
20) #C41525	Retainer Ring
21) #AGL49813	Compression Spring
22) #AGL47835-1	Lower Winch Cover
23) #AGL41857	Set Collar
24) #AGL2529-634	Grease Decal
25) -	Winch Switch Rod
#AGLE1401-36.50	26"
#AGLE1401-46.50	36"

# Proterra AGLA48028 Series (Chain Drive)



### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

#AGLE1401-58.50	48"
#AGLE1401-76.50	66"
26) -	1-5 Threaded Acme Shaft
#AGL47856-26	26"
#AGL47856-36	36"
#AGL47856-48	48"
#AGL47856-66	66"
27) #AGL47876	Swivel Top Pulley Assembly
28) -	Winch Cover Assembly
#AGL47873-26	26"
#AGL47873-36	36"
#AGL47873-48	48"
#AGL47873-66	66"
29) #AGL3-12194	Handle
30) #AGL47658	25' Winch Cable
30) -	Drive Chain
#AGL21045-14	26"
#AGL21045-15	36"
31) #AGL42728	8-32 Set Screw
32) #AGL6635	Cable Tie
33) #AGL8282	5/16-18 x .625" Carriage Bolt
34) #AGL8490	5/16-18 Hex Flange Nut
35) #AGL24208	1/4-20 Hex Flange Nut
36) #AGL2150	5/16 x 18 x 1.25" Bolt
37) #Varies	Winch Decal
38) #AGL1839	5/16 - 18 x .50 Bolt
41) #AGL2527-10	Danger Decal
45) #AGL44417	Chain Connecting Rod
46) #AGL20017	Connecting Link (#40)
47) #AGL5083-2	1/4-20 x 2-1/4" SH Cap Screw

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Complete Units

### CABLE:

#AGLA47859-2230	Machine/Linear Lift w/ Swivel Pulleys/Cable 26" 30RPM Proterra/CTB 230 Volt
#AGLA47859-3160	Machine/ Linear Lift w/ Swivel Pulleys/ Cable 36" 60RPM Proterra/CTB 115 volt
#AGLA47859-4160	Machine/Linear Lift w/ Swivel Pulleys/ Cable 48" 60RPM Proterra/CTB 115 volt
#AGLA47859-4260	Machine/Linear Lift w/ Swivel Pulleys/ Cable 48" 60RPM Proterra/CTB 230 volt

### CHAIN:

#AGLA48028-2230	26" Chain and Sprocket 30 RPM Vent Machine
#AGLA48028-4160	48" Chain and Sprocket 60 RPM Curtain Machine

# Agri Ventilation Systems Vent/Curtain Machine



## B - parts for Ball Screw Machine

#AVDR-AN-1802 .....	Drive Standard 18" Dr AN 1802
#AVDR-AN-4000 .....	Drive Standard 4' Dr AN 4000
#AVDR-AN-5002 .....	Drive Machine In Line 5' 107 RPM
#AVDR-AN-6000 .....	Drive 6' (68") Travel Dr AN 6000
#AVDR-4002 .....	Vent Machine 48" w/o motor

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## A - parts for Actuator Machine



## (B) Ball Nut Assembly

(for Mini Ball Screw Machine)

#AVBS-BN-1000..... Ball Nut Assembly

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## (A) Dipstick Oil Plug

#AVHW-OP-1000..... Dipstick Oil Plug



## (A) Switch Assembly

#AVDR-BX-1000..... Complete



## (A) Inside Replacement Drives

#AVDR-00-1801 .....	18"
#AVDR-00-3100 .....	3'
#AVDR-00-4100 .....	4'
#AVDR-00-5100 .....	5'
#AVDR-00-6100 .....	6'

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## (A) Motor 1/4 Hp

#AVEP-FR-0107..... 1/4 Hp 107 RPM

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## (A & B) Motor 1/6 Hp

#AVEP-FR-0040..... 1/6 Hp 40 RPM

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## (A) Collar with Thumb Screw

#AVHW-LC-1000..... w/ Thumb Screw

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## (A) Limit Switch

• Fail-safe limit switch for assembly box

#EL1042 .....	Limit Switch
#EL1043 .....	Limit switch
#AVDR-O-B1110 .....	Spring for switch

## (A & B) Love Joy Coupler

#LOV10688 .....	5/8" Bore
#AVDR-LJ-0012 .....	1/2" Bore

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## (A & B) Spider Gear

#AVDR-LJ-000U..... for Love Joy Coupler



## (B) Relay

#EL1015..... for Mini Ball Screw Machine



## (B) Run Capacitor

(for Mini Ball Screw Machine)

#AVEP-CP-0006..... Capacitor



## (B) Electromagnetic Brake

#AVBS-BR-0090..... for ball screw

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



**NEW!**



# Guardian® 2.0

New pressure switch reduces opportunities for foreign objects and mishandling

Diagnostic light on outside for better visibility

New spark igniter - no separate flame sense and new igniter position for Hot Surface making it easier to work on

Waterproof control box to protect control board

Improved locks provide a more finished look and better locking capability

Full doors for more protection during power washing

Doors fit internal to wrapper

Feet added at base for hardware clearance

No sharp edges

## Direct Spark Ignition

- #LB250DSI-LP-2 ..... 250,000 Base Unit - Propane
- #LB250DSI-NG-2 ..... 250,000 Base Unit - Nat. Gas



## Thermostats

- #LB05568 ..... L.B. White Surface Mount
- #59598 ..... Remote w/ 20' cord, plug end
- #LB20176 ..... L.B. White remote w/ 25' cord, Spade end

## Second Stage Regulator

- 1) #LB24414 ..... Natural gas for 250,000
- 2) #LB06665 ..... LP for all heaters
- 3) #LB07087 ..... Pilot & HSI, natural gas for 60k-170k
- 4) #LB06553 ..... Vent over outlet, LP

**WARNING:**  
This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Hot Surface Ignition

- #LB60HSI-LP-2 ..... 60,000 Base Unit - Propane
- #LB60HSI-NG-2 ..... 60,000 Base Unit - Nat. Gas
- #LB100HSI-LP-2 ..... 100,000 Base Unit - Propane
- #LB100HSI-NG-2 ..... 100,000 Base Unit - Nat. Gas
- #LB250HSI-LP-2 ..... 250,000 Base Unit - Propane
- #LB250HSI-NG-2 ..... 250,000 Base Unit - Nat. Gas

## Gas Hose

- #LB20543 ..... 1/4" x 10', 1/4" NPT rigid x 1/4" swivel-60M pilot
- #LB21993 ..... 3/8" x 10', 1/2" NPT rigid x 5/8" swivel-60M&100M
- #LB20714 ..... 1/2" x 10', 1/2" NPT rigid x 1/2" swivel-all 250M
- #LB20713 ..... 1/2" x 6', 1/2" NPT rigid x 1/2" swivel-all 250M

## Manual Shut-Off Valve

- #LB571173 ..... Manual shut-off valve

**WARNING:**  
This product can expose you to chemicals, including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Pilot Light Models

- #LB346-3PLLP ..... Classic 60,000 Base Unit - Propane
- #LB348-3PLNG ..... Classic 60,000 Base Unit - Nat. Gas
- #LB377-3PLLP ..... Classic 115,000 Base Unit - Propane
- #LB379-3PLNG ..... Classic 115,000 Base Unit - Nat. Gas
- #LB250PL-LP-2 ..... Guardian 250,000 Base Unit - Propane
- #LB250PL-NG-2 ..... Guardian 250,000 Base Unit - Nat. Gas

## Air Diverters

- 1) #LB20111 ..... Snap-in, 2 pc. 60 HSI
- 2) #LB20048 ..... Snap-in, 2 pc. all 250
- 3) #LB07742 ..... Snap-in, 1 pc for 60 classic

**WARNING:**  
This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Sediment Trap

- #LB00815 ..... Sediment trap for all heaters

**WARNING:**  
This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

# Guardian® 2.0 Forced Air Heaters

## Replacement parts

- Motor and blower wheels are interchangeable with original Guardian models
- Gas valves for pilot 250M interchange with original Guardian



**Gas Valve**

#LB573774.....Honeywell, LP  
#LB573773.....Honeywell, NG



**Flame Sensor Rod - 2.75"**

#LB574284 ..... All HSI models



**High Limit Switch**

#LB573099 ..... 100 & 250M  
#LB572501..... 60M



**Transformer**

#LB574289 ..... All DSI & HSI models



**Ignition Control**

#LB574287 ..... DSI  
#LB574288 ..... HSI



**Igniter And Sensor Assembly**

#LB574196 ..... DSI - all models



**Power Cord 10'**

#LB5720133.....All models



**Air Pressure Switch**

#LB574239 .....All models



**Igniter**

#LB573659 ..... All HSI models



**Burner Orifice**

#LB574293 .....LP, 60M  
#LB574294 .....NG, 60M  
#LB574213 .....LP, 100M  
#LB574295 .....NG, 100M  
#LB574296 ..... LP, Pilot & HSI 250M  
#LB574303 ..... NG, DSI 250M  
#LB574304 .....NG Pilot 250M




**Pilot Orifice - 250 Pilot**

#LB507829 .....LP  
#LB506968.....NG

# LB White

## 250 Direct Spark

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**WARNING:**


This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

Key	Item#	Description
1A	#LB06665	Secondary regulator, LP
1B	#LB24414	Secondary regulator, NG
2	#LB571173	Manual shut valve
3	#LB20714	1/2" x 10' gas hose, NG & LP
4	#LB00815	Sediment trap

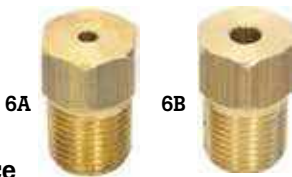


### Gas Valve.

Key	Item#	Description
5A	#LB522076	Honeywell, LP
5B	#LB522078	Honeywell, NG


**WARNING:**

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

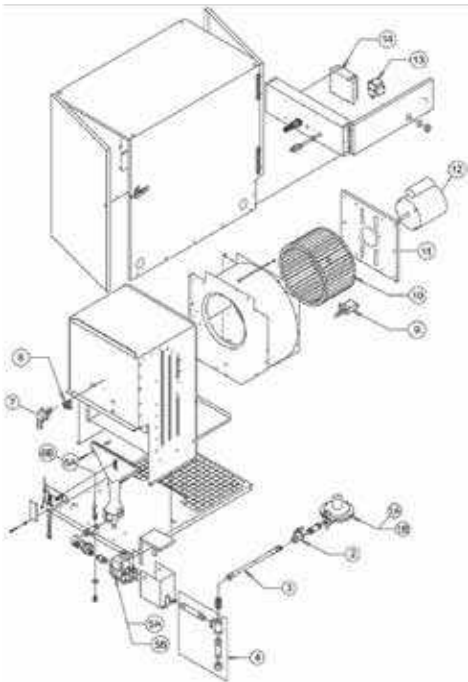


### Burner Orifice

Key	Item#	Description
6A	#LB570053	LP
6B	#LB570054	NG

**WARNING:**

This product can expose you to chemicals, including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)




### Igniter

Key	Item#	Description
7	#LB570021	Spark Igniter Assy



### High Limit Switch

Key	Item#	Description
9	#LB505566	High Limit Switch


**WARNING:**

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



### Sail Switch

Key	Item#	Description
10	#LB24157	Sail Switch


**WARNING:**

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



### Blower Wheel

Key	Item#	Description
11	#LB570481	10-3/4" dia x 6" wide


**WARNING:**

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



### Bracket

Key	Item#	Description
12	#LB570251	Motor Mount Bracket


**WARNING:**

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



### Motor

Key	Item#	Description
13	#LB520169	1/3 HP Motor
	#LB571406	Capacitor for 1/3 HP motor

**WARNING:**

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



### Transformer

Key	Item#	Description
14	#LB509615	120/24 V Transformer




### Ignition Control

Key	Item#	Description
14	#LB524900	Spark Ignition Control



### Blower Assembly Complete

Key	Item#	Description
-	#LB570280	1/3 HP motor, blower & bracket

**WARNING:**

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



# LB White 250 Hot Surface

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### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

Key	Item#	Description
1A	#LB06665	Secondary regulator, LP
1B	#LB24414	Secondary regulator, NG
2	#LB571173	Manual shut valve
3	#LB20714	1/2" x 10' gas hose, NG & LP
4	#LB00815	Sediment trap



### Gas Valves

Key	Item#	Description
5A	#LB522076	Honeywell, LP
5B	#LB522078	Honeywell, NG

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

6A

6B

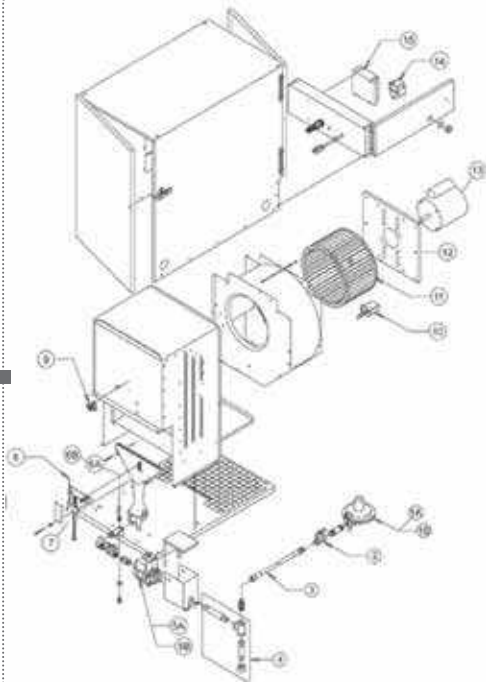


### Burner Orifice

Key	Item#	Description
6A	#LB570053	LP
6B	#LB570054	NG

### ⚠ WARNING:

This product can expose you to chemicals, including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



### High Limit Switch

Key	Item#	Description
9	#LB505566	High Limit Switch

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



### Bracket

Key	Item#	Description
12	#LB570251	Motor Mount Brkt.

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



### Ignition Control

Key	Item#	Description
15	#LB509298	Ignition control

7A

7B



### Igniter

Key	Item#	Description
7A)	#LB573642	Conversion kit to silicone nitride
7B)	#LB573659	New style silicon nitride



### Flame Rod Sensor

Key	Item#	Description
8	#LB520139	Flame Rod Sensor, 6.5" Lead



### Blower Wheel

Key	Item#	Description
11	#LB570481	10-3/4" dia x 6" wide

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



### Transformer

Key	Item#	Description
14	#LB509615	120/24 V transformer

### Sail Switch

Key	Item#	Description
10	#LB24157	Sail switch

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



### Motor

Key	Item#	Description
13	#LB520169	1/3 HP Motor
	#LB571406	Capacitor for 1/3 HP motor

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

# LB White 250 Pilot

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## ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

Key	Item#	Description
1A	#LB06665	Secondary regulator, LP
1B	#LB24414	Secondary regulator, NG
2	#LB571173	Manual shut valve
3	#LB20714	1/2" x 10' gas hose, NG & LP
4	#LB00815	Sediment trap

## Gas Valves

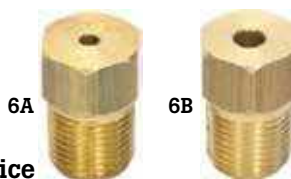


Key	Item#	Description
5A	#LB521615	Honeywell, LP
5B	#LB521616	Honeywell, NG

## ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

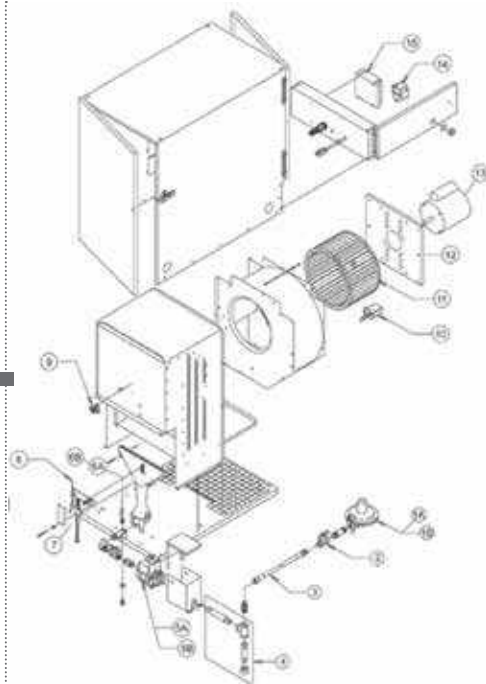
## Burner Orifice



Key	Item#	Description
6A	#LB570053	LP
6B	#LB570054	NG

## ⚠ WARNING:

This product can expose you to chemicals, including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## Pilot Gasket

Key	Item#	Description
7	#LB570461	Pilot Gasket



## Thermocouple

Key	Item#	Description
8	#LB503497	22" Snap-in



## Pilot Tube

Key	Item#	Description
9	#LB570661	Pilot Tube



## Pilot Orifice

Key	Item#	Description
10A	#LB507829	LP
10B	#LB506968	NG



## ⚠ WARNING:

This product can expose you to chemicals, including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Terminal Strip

Key	Item#	Description
11	#LB570491	Terminal Strip



## ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Switches

Key	Item#	Description
12	#LB505566	High Limit Switch
13	#LB24157	Sail switch



## ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Bracket

Key	Item#	Description
14	#LB570251	Motor Mount Brkt.



## ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Motor

Key	Item#	Description
15	#LB520169	1/3 HP Motor
	#LB571406	Capacitor for 1/3 HP motor



## ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Blower Wheel

Key	Item#	Description
16	#LB570481	10-3/4" dia x 6" wide



## ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

Key	Item#	Description
1	#LB06665	Secondary regulator
2A	#LB20714	1/2" x 10' gas hose, NG
2B	#LB20543	1/4" x 10' gas hose, LP
3	#LB571173	Manual shut valve
10	#LB05568	Surface mount thermostat
17	#LB00815	Sediment trap

Gas Valves

Key	Item#	Description
4A	#LB502309	Basotrol, LP & NG
4B	#LB521615	Honeywell, LP
4C	#LB521616	Honeywell, NG



**WARNING:**

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

Burner Orifice

Key	Item#	Description
5A	#LB570077	LP
5B	#LB570078	NG



**WARNING:**

This product can expose you to chemicals, including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

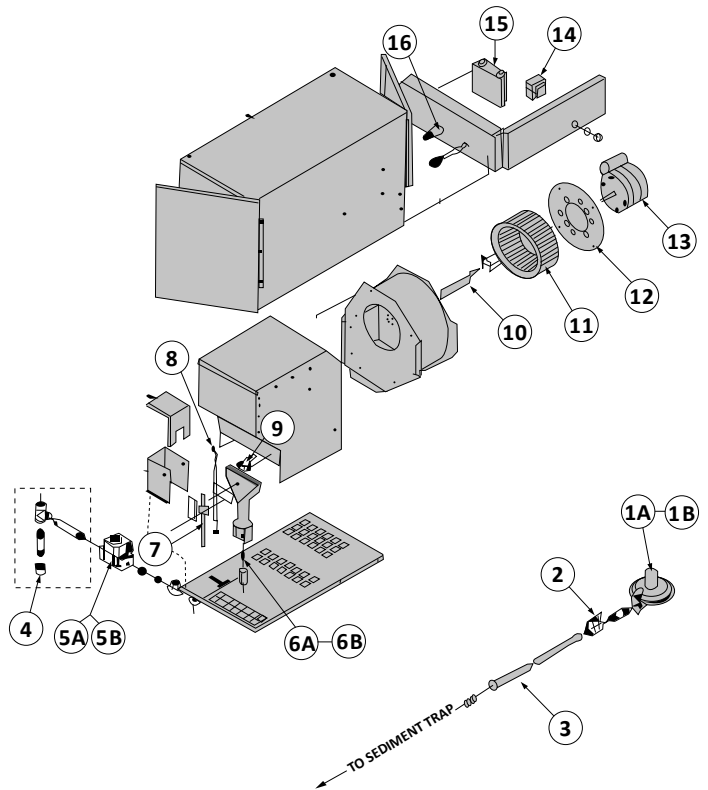
Pilot Orifice

Key	Item#	Description
6A	#LB502689	LP
6B	#LB570065	NG



**WARNING:**

This product can expose you to chemicals, including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



Pilot Shield

Key	Item#	Description
7	#LB573700	Pilot Shield



Thermocouple

Key	Item#	Description
8	#LB503497	22" Snap-in



Pilot Tube

Key	Item#	Description
9	#LB521380	Pilot tube



Motor

Key	Item#	Description
11	#LB520290	1/12 Hp motor



**WARNING:**

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

Motor Mount Plate

Key	Item#	Description
12	#LB570382	Motor Mount Plate



**WARNING:**

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

Blower Wheel

Key	Item#	Description
13	#LB570230	6-1/2" dia x 3-1/8" wide



**WARNING:**

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

Fan Housing

Key	Item#	Description
14	#LB05579	w/ motor mount



**WARNING:**

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

High Limit Switch

Key	Item#	Description
15	#LB503933	High Limit Switch



**WARNING:**

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

Air Proving Switch

Item#	Description
#LB502680	Air Proving Switch



**WARNING:**

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



LB White 60,000 Hot Surface *Accessories: Page 232*

Key	Item#	Description
1A	#LB06665	Secondary regulator, LP
1B	#LB07087	Secondary regulator, NG
2	#LB571173	Manual shut valve
3A	#LB20714	1/2" x 10' gas hose, NG
3B	#LB20543	1/4" x 10' gas hose, LP
4	#LB00815	Sediment trap

Gas Valves

Key	Item#	Description
5A	#LB522076	Honeywell, LP
5B	#LB522078	Honeywell, NG

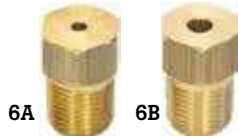


**⚠ WARNING:**

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

Burner Orifice

Key	Item#	Description
6A	#LB570225	LP
6B	#LB570226	NG

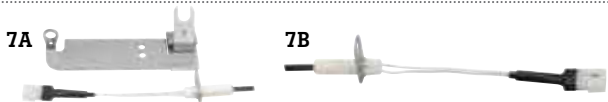


**⚠ WARNING:**

This product can expose you to chemicals, including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

Igniter

Key	Item#	Description
7A)	#LB573642	Conversion kit to silicone nitride
7B)	#LB573659	New style silicon nitride



Flame Probe

Key	Item#	Description
8	#LB572412	Flame probe 45° bend



Blower Wheel

Key	Item#	Description
11	#LB570230	6-1/2" dia x 3-1/8" wide



**⚠ WARNING:**

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

Transformer

Key	Item#	Description
14	#LB509615	120/24 V transformer



High Limit Switch

Key	Item#	Description
9	#LB503933	High Limit Switch



**⚠ WARNING:**

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

Motor Mount Plate

Key	Item#	Description
12	#LB570382	Motor mount plate



**⚠ WARNING:**

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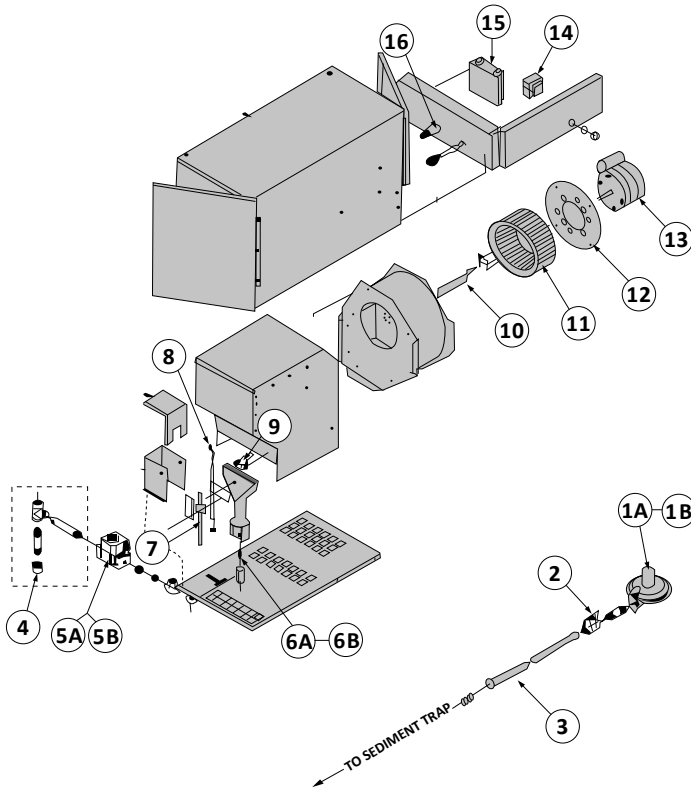
Ignition Control

Key	Item#	Description
15	#LB509298	Ignition control



**⚠ WARNING:**

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



Sail Switch

Key	Item#	Description
10	#LB570027	Sail switch



**⚠ WARNING:**

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

Motor

Key	Item#	Description
13	#LB520290	1/12 Hp motor



**⚠ WARNING:**

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Wiring Kit

Key	Item#	Description
16	#LB23709	Wiring Kit w/harness



L.B. White 100 Hot Surface *Accessories: Page 232*

Key	Item#	Description
1A	#LB06665	Secondary regulator, LP
1B	#LB24414	Secondary regulator, NG
2	#LB571173	Manual shut valve
3	#LB20714	1/2" x 10' gas hose, NG & LP
4	#LB00815	Sediment trap

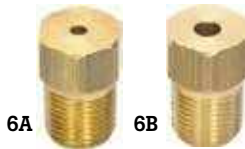


Gas Valves

Key	Item#	Description
5A	#LB522076	Honeywell, LP
5B	#LB522078	Honeywell, NG

**⚠ WARNING:**

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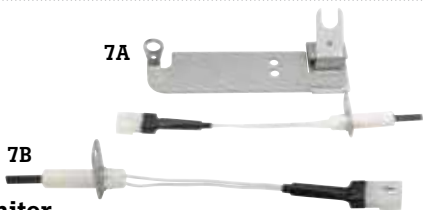


Burner Orifice

Key	Item#	Description
6A	#LB570281	LP
6B	#LB570282	NG

**⚠ WARNING:**

This product can expose you to chemicals, including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



Igniter

Key	Item#	Description
7A)	#LB573642	Conversion kit to silicone nitride
7B)	#LB573659	New style silicon nitride



Flame Rod Sensor

Key	Item#	Description
8	#LB520139	6.5" Lead



Blower Wheel

Key	Item#	Description
11	#LB570304	8" dia x 4-7/8" wide

**⚠ WARNING:**

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



Sail Switch

Key	Item#	Description
10	#LB570493	Sail Switch

**⚠ WARNING:**

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



Motor

Key	Item#	Description
13	#LB520292	1/8 Hp motor

**⚠ WARNING:**

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



Transformer

Key	Item#	Description
14	#LB509615	120/24 V



High Limit Switch

Key	Item#	Description
9	#LB503933	High Limit Switch

**⚠ WARNING:**

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



Bracket

Key	Item#	Description
12	#LB570383	Motor Mount Brkt.

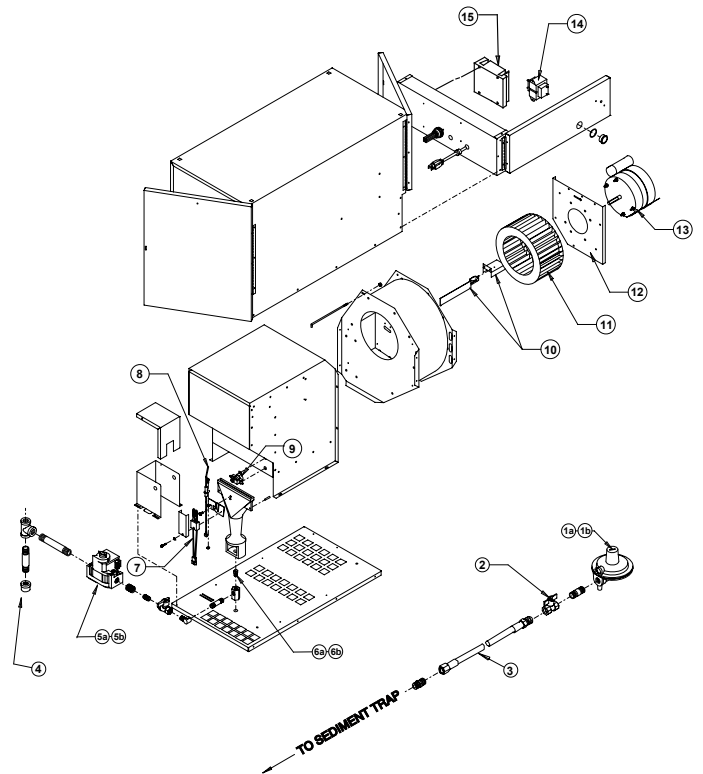
**⚠ WARNING:**

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Ignition Control

Key	Item#	Description
15	#LB509298	Ignition control



**⚠ WARNING:**

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## Hired-Hand Heaters

- 250,000 BTU model available
- Optional direct spark ignition
- Easy-access electrical control unit
- Quick-disconnect wiring harness for easy service; gold-plated contacts prevent corrosion
- Electronic hot surface instant-on ignition
- Safety shut-off after failure detection
- Manual reset high temp limit switch
- Backup safety switch



#H6601-0104.....	75K, LP w/ hanging kit
#H6601-7024.....	225K, LP, w/ hanging kit
#H6601-7026.....	225K, NG, w/ hanging kit
#H6450-0220.....	Outside mount kit

### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## GrowerSELECT Flame Probes

1) #HS640.....	1.25" ('98 to '05), OEM# 6450-0093
2) #HS641.....	2.2" ('05 to present), OEM# 6450-0094
3) #HS567.....	4" (prior to '98), OEM# 6450-0091

## GrowerSELECT Motors



Item#	Description	OEM#
#HS9045	1/10 HP for 75K	3017-1302
#HS9040A	1/3 HP for 225	3017-1300
#2MDV4	Capacitor for 1/3 Hp	N/A
#HS6401-2315	Motor/ Plate Assy for 75K	6401-2315
#HS6401-2317	Blower/Motor Assy for 75K	6401-2317
#HSBMA1	Blower/Motor Assy for 225K	6401-1347

### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## GrowerSELECT Blower Wheels



#HSBW3.....	6-3/8" x 4" CCW for 75K, OEM# 6401-1726
#HSBW1.....	10-3/4" x 4-7/8" CCW for 225K, OEM# 6401-1318

### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## GrowerSELECT Switches (high limit)



#HS501.....	for 75K, OEM# 3005-0108
#HS500.....	for 225K, OEM# 3005-0107

### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Low Pressure Gas Switch



#H3001-0111.....	Low Pressure Gas Switch
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### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

#H6401-2878



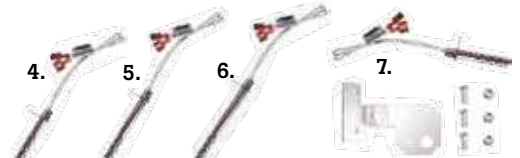
#H6401-2877



## Air Diverters

#H6401-2876.....	Wye Duct, 225K
#H6401-2878.....	Wye Duct, 75K
#H6401-2877.....	T Duct, 225K
#H6401-2888.....	T Duct, 75K

## GrowerSELECT Stainless Steel Igniters



4) #HS635.....	Mini 2" for conversion, OEM# 3002-5000
5) #HS637.....	3" ('06 to present), OEM# 3002-3304
6) #HS636.....	3.5" (prior to '06), OEM# 3002-3000
7) #HS638.....	2" conversion kit, OEM# 6450-0212

## GrowerSELECT Ceramic Igniter



(conversion kit changes flat ceramic to 2" S.S.)

#HS566.....	Ceramic Igniter-old style, OEM# 6450-3002
#HS638.....	Conversion kit, OEM# 6450-0212

## Gas Valves

#H3004-1301.....	Honeywell w/ nipple to covert White Rogers
#HS7008LP.....	Honeywell, LP OEM# 3004-0100
#HS7008NG.....	Honeywell, NG OEM# 3004-0101

#H3004-1301



#HS7008LP



### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Control Module



#HS7001.....	Hot Surface Ignition models, OEM #3591-1851
#HS7002.....	Direct Spark Ignition models, OEM #3591-1200

## Sail Switch



#EL1215.....	Switch Micro, Sail Lever
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### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

\*Use of Original Equipment Manufacturer part numbers is for reference only





## AP Heaters

\*Use of Original Equipment Manufacturer part numbers is for reference only

## GrowerSELECT Motors

#HS5420-0-913..... Mounting/Motor Assembly  
80K, OEM# 5420-0-913  
#G20-5099D ..... 1/3 Motor for 225K

### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## GrowerSELECT Air Proving Switch

#EL1078 ..... For 80 & 225K, OEM# 5430-1-904

### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## GrowerSELECT Igniter

#HS634 ..... 2", 24 VAC, OEM# 20-5074M



## 1-1/4" L.P. Regulator

#609592 ..... for PuraFire



## Flame Safeguard Relay

#G20-5001B ..... for PuraFire



## GrowerSELECT Blower Wheels

#HSBW6 ..... 6-3/4" x 3" CW for 80K, OEM# 20-5008  
#HSBW4 ..... 9-7/8" x 6" CW for 225K, OEM# 20-5110

### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## GrowerSELECT High Limit Switch

#HS501 ..... Manual reset, OEM# 20-5046

### WARNING:

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## Secondary Gas Regulator

• 11-14" water column

#H1045-0100 ..... for PuraFire



## GrowerSELECT Flame Rod

#HS596 ..... For 80 & 225K, OEM# 20-5045

## GrowerSELECT Transformer

• Used in many applications  
• Compatible with most heater brands.

#HSXF120-24 .... Universal 120/240, OEM# 20-5036



## Gas Valve

#G20-5070K ..... PuraFire Main LP

### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## VariFlame Repair Parts



#GVF1-3002 ..... Flame Probe



#GVF1- 3004 ..... Ignitor Assy (HSI)



#GVF1-1020 ..... ON/OFF Control



#GVF2-1016 ..... Sail Switch Mounting Bracket

### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



#GVF3-1022 ..... Gas Valve, LP

# LB White Infraconic Brooder

#LB117P-I ..... 17,000 Individual Control, LP  
 #LB117P-SI ..... 17,000 Spark Ignition, LP  
 #LB117P-Z ..... 17,000 Zone Controlled, LP

## Venturi Tube & Burner Assembly

1) #LB09639 ..... Venturi Tube, Burner Assy.

## Cover Plate

2) #LB572736... Cover plate for thermocouple w/nuts

## Thermocouple

3) #LB573167 ..... Thermocouple

## Injector Casings

4A) #LB572735 ..... NG

4B) #LB572731 ..... LP

## Retaining Screw for Injector Tube

5) #LB09572 ..... Retaining screw

## Primary Burner Orifice (low heat)

6A) #LB570568 ..... #44 LP

6B) #LB570569 ..... #52 NG

### WARNING:

This product can expose you to chemicals, including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Injector Tube

7) #LB09597 ..... Injector tube

### WARNING:

This product can expose you to chemicals, including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Thermocouple Fuse clip

11) #LB570227 ..... Thermocouple Fuse clip

## Combustion Cone

15) #LB21087 ..... Combustion Cone kit

15A) #LB571070 ..... Gasket

15B) #LB570126 ..... Inner cone and gasket

15C) #LB570088 ..... Outer cone

### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Pressure Valve

8) #LB09861 ..... Pressure valve

## Pilot Tube

13) #LB522008 ..... Pilot tube

## Hardware

16) #LB23636 ..... 10-32, 1 1/2" screw

17) #LB09578 ..... 10-32 brass nut

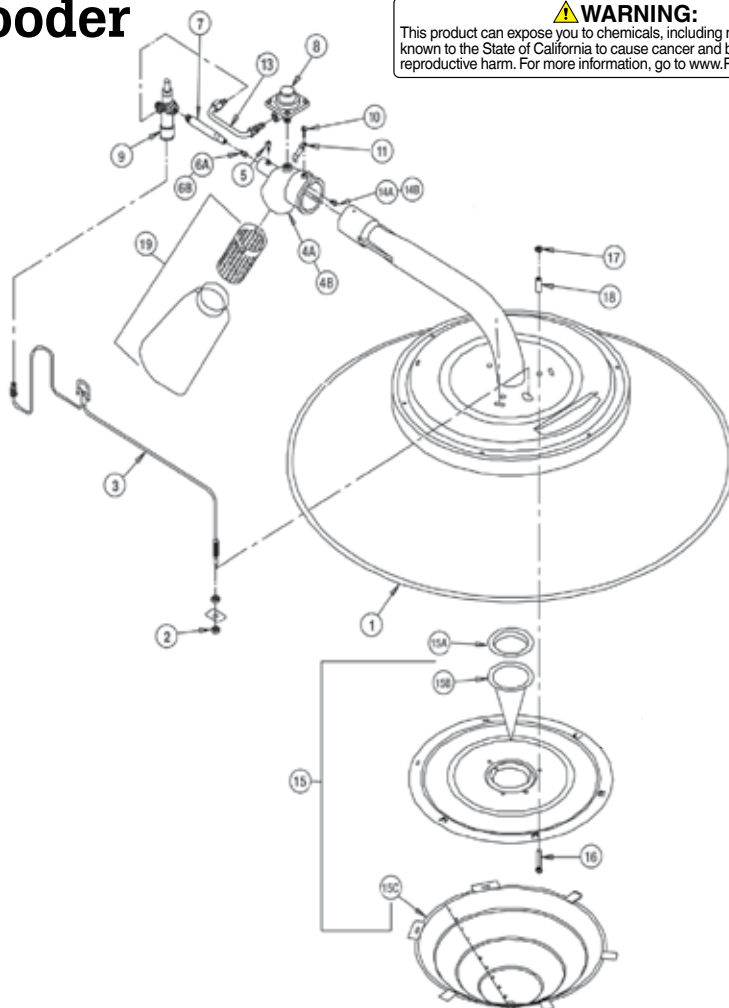
18) #LB09568 ..... Spacer

### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

### WARNING:

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## Safety Control Valve



9A) #LB570454 ..... Safety control valve

9B) #LB572732 ..... Safety Control Valve "D" Model

### WARNING:

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## Retaining Screw

10) #LB23955 ..... Retaining screw

## Secondary Orifice (high heat)



14A) #LB570397 ..... #42 LP

14B) #LB570398 ..... #54 NG

### WARNING:

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## Filter Kit

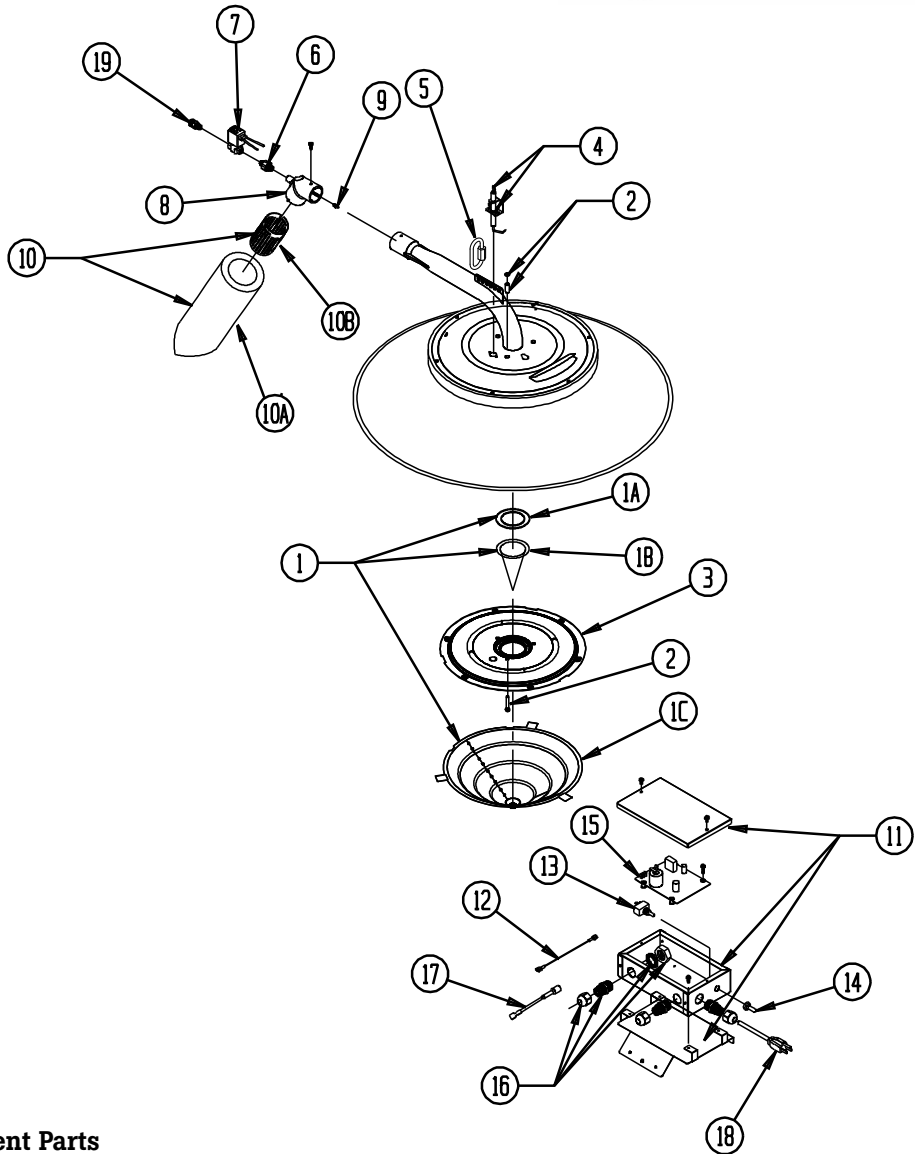
19) #LB20427 ..... Filter Kit



# I-40

- #LB140P-I..... 40,000 Individual Control, LP
- #LB140SI..... 40,000 Spark Ignition, LP
- #LB140-Z..... 40,000 Zone Controlled, LP

**WARNING:**  
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## I-40 Replacement Parts

Key	Item#	Description
1	LB570130	Kit, combustion cones w/gasket
1A	LB570273	Gasket
1B	LB570308	Inner cone
1C	LB500-24543	Outer cone
2	LB500-26141	Hardware for burner plate (nuts, screws, spacers, x3)
3	LB570079	Burner plate with hardware
4	LB500-24050	Ignitor with screws
5	LB572121	Quick link
6	LB573656	Adapter
7	LB573657	Solenoid valve with adapters
8	LB573643 (LP)	Air housing assembly, with orifice & air register plate
	LB573644 (NG)	Air housing assembly, with orifice & air register plate
9	LB573740 (LP)	Orifice, burner

Key	Item#	Description
	LB573674 (NG)	Orifice, burner
10	LB500-27522	*Filter kit
10A	LB572429	Filter
10B	LB573135	Filter sleeve
11	LB572804	Control box w/cover, & bracket
12	LB570660	Wire, black, on/off switch to circuit board
13	LB570456	On/Off switch w/boot
14	LB571939	Boot, on/off switch
15	LB570680	Ignition control
16	LB572100	Connector, liquid tight
17	LB570067	Ignition cable
18	LB570524	Power cord
19	LB500-26541	Adapter, hose





## L-40 Low Pressure Radiant Heat Brooder

Low profile, energy efficient, heat is what is provided with the L.B. White L-40 radiant brooder. Complete with dual fuel gas valve and 31.5" polished aluminum canopy. The L-40 integrates seamlessly with major poultry house control systems.

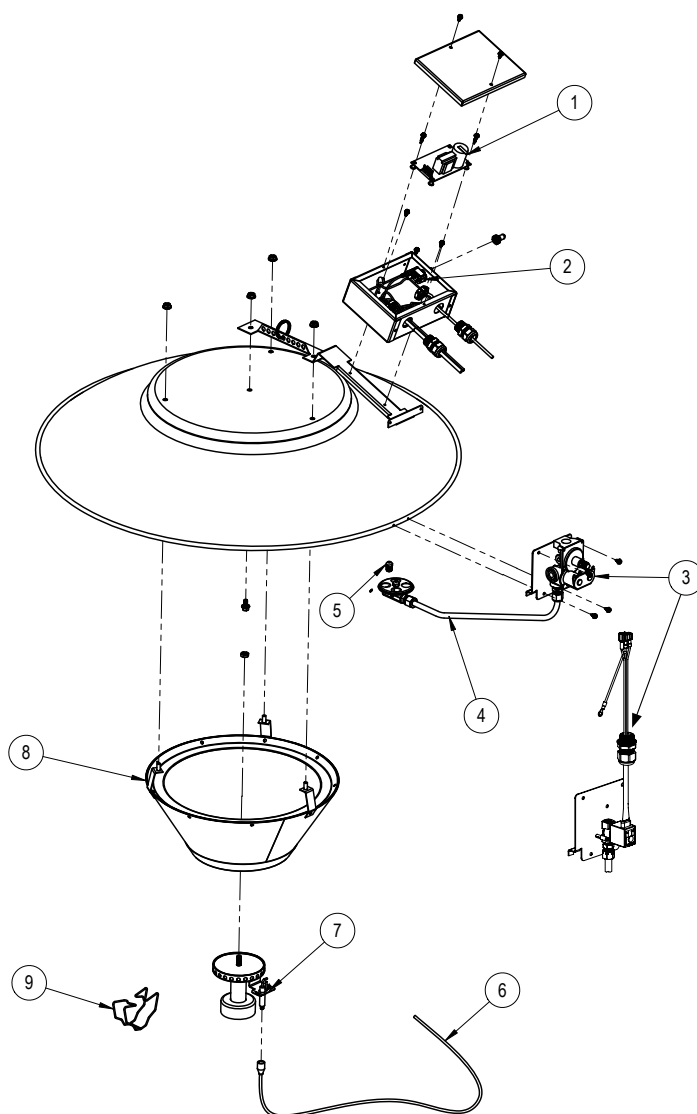
#LBL-40.....40,000 Btu, spark Ignition

### ⚠ WARNING:

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### Replacement Parts

Key	Item#	Description
1	LB573477	Ignition control
2	LB570456	On/Off Switch
3	LB573481	Gas control valve
4	LB573482	Manifold
5	LB573486	Burner orifice (LP)
	LB573487	Burner orifice (NG)
6	LB573479	Ignition cable
7	LB573478	Ignitor with bracket
8	LB573484	Emitter
9	LB573591	Retention Clip





- Rugged stainless steel construction
- Standard with stainless steel filters or optional heavy duty polyester filter
- Available in LP or Natural Gas models
- Price does not include hoses or couplers



#GAS801125.....	M2 LP Infrared heater 3,400 BTU w/standard filter
#GAS801200.....	M3 LP Infrared heater 5,000 BTU / standard filter
#GAS801260.....	M5 LP Infrared heater 10,000 BTU w/ standard filter
#GAS801260/hdf.....	M5 LP Infrared heater 10,000 BTU w/ heavy duty filter
#GAS801351.....	M8 LP Infrared heater 17,200 BTU w/ standard filter
#GAS801351/hdf.....	M8 LP Infrared heater, 17,200 BTU w/ heavy duty filter

**⚠ WARNING:** This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



### HLB 20-300 High/Low Gas Controller

- Controls groups of heaters totaling (up to) 440,000 BTUs LPG

#GAS804130 ..... High Low w/ByPass Right Regulator



### Thermocouple

#GAS806460.....	Short M2/M3
#GAS806470.....	Long M5/M8



### Interior Coil

#GAS806560.....	Interior coil
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### Round Burner

(includes SS rivets)

#GAS806020.....	M2
#GAS806023.....	M3
#GAS806030.....	M5
#GAS806040.....	M8
#GAS806600.....	SS Rivets



### Thermo Unit

- Individual modulating thermostat

#GAS803515.....	M2/M3 LP
#GAS803517.....	M5 LP
#GAS803518.....	M8 LP



### Jets

#GAS806326.....	Jet M2 LP .30mm
#GAS806350.....	Jet M3 LP .39mm
#GAS806360.....	Jet M5 LP .52mm
#GAS806377.....	Jet M8 LP .72mm

### ⚠ WARNING:

This product can expose you to chemicals, including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



### Hose Adapter

Replaces barb fitting on Gasolec brooder, use with GAS807196 hose kit.

#GAS807209 ..... 1/4" MPT x 1/8" FPT

### ⚠ WARNING:

This product can expose you to chemicals, including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



### Safety Device

#GAS806480.....	Safety device w/interior coil
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### ⚠ WARNING:

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### Dust Filters

#GAS806530.....	Heavy duty polyester
#GAS806520.....	Standard, SS



### Hose Kit

- 6-foot

#GAS807196.....LP, ends, fixed 3/8" MPT

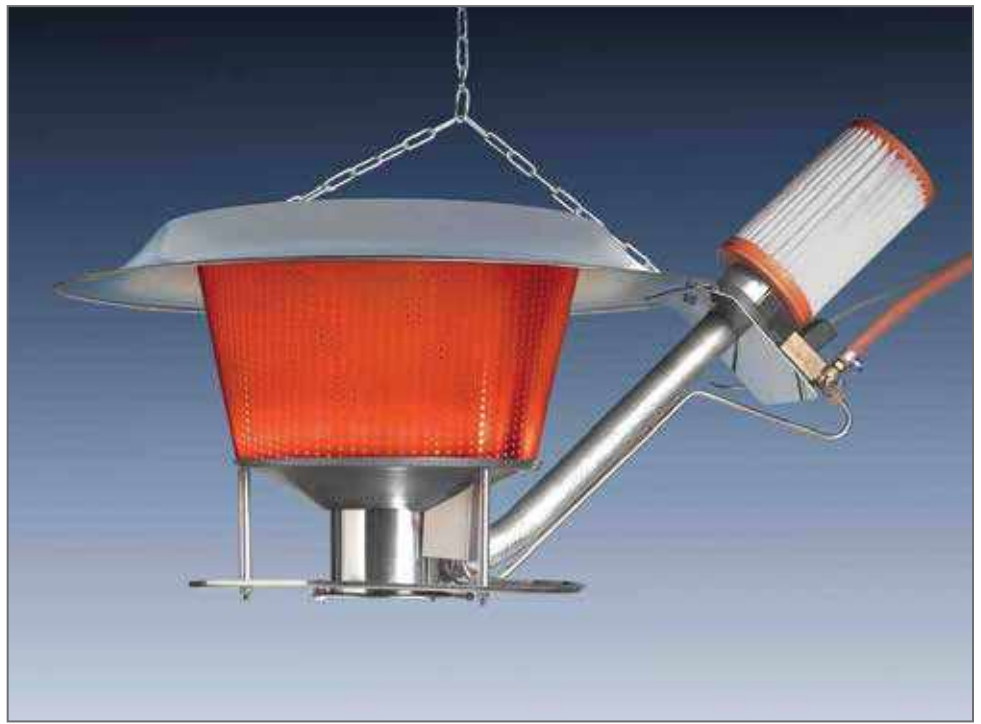
## G12 Pilot Zone Infrared Radiant Heater

- 42,000 BTU with a large, 42' dia. heat pattern
- Stainless steel construction
- Standard heavy duty dust filter
- Available as Pilot Zone, Pilot Individual and Hot Surface Ignition

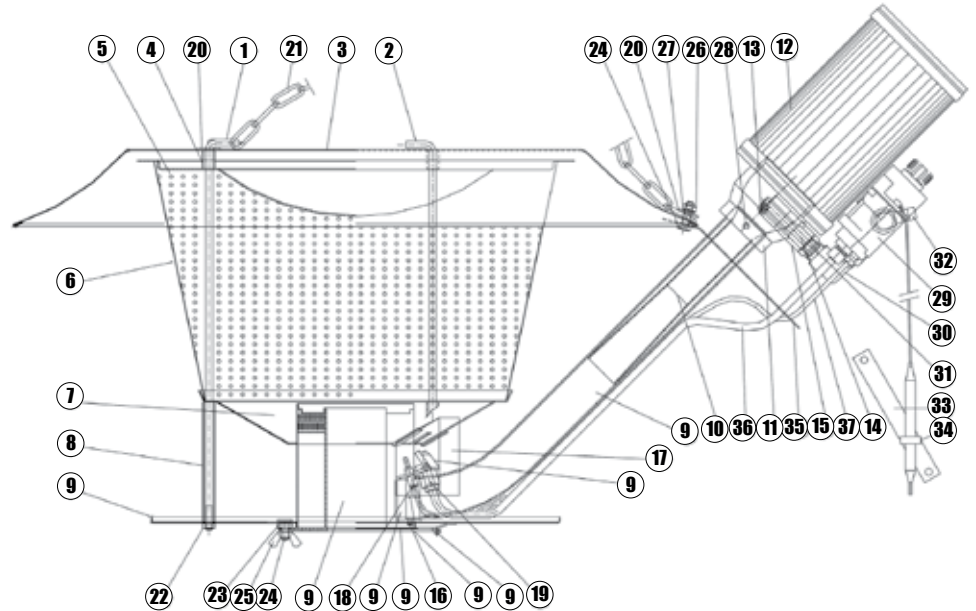


### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



Key	Item#	Description
1)	<b>#GAS806710</b>	Connection Eye Rod
2)	<b>#GAS806715</b>	Connection L Rod
3)	<b>#GAS806720</b>	Reflector
4)	<b>#GAS806725</b>	Short Spacer
5)	<b>#GAS806730</b>	Emitter Top Plate
6)	<b>#GAS806735</b>	Emitter
7)	<b>#GAS806740</b>	Bottom Plate
8)	<b>#GAS806745</b>	Long Spacer
9)	<b>#GAS806750</b>	Burner Assembly
9)	<b>#GAS806755</b>	Gasket
9)	<b>#GAS806760</b>	Pilot Flame Guide
10)	<b>#GAS806765</b>	Venturi
11)	<b>#GAS806770</b>	Intake Adapter
12)	<b>#GAS806775</b>	Dust filter
13)	<b>#GAS806780</b>	Jet LP 2.1
	<b>#GAS806785</b>	Jet NG 2.7
14)	<b>#GAS806790</b>	Jet Holder
15)	<b>#GAS806795</b>	Jet Retainer
	<b>#GAS806800</b>	Solenoid 24 VAC
	<b>#GAS806801</b>	Solenoid 24 VAC replacement coil
	<b>#GAS806805</b>	1/4 x 1/8 inch Bushing
	<b>#GAS806810</b>	Safety Device
	<b>#GAS806810e</b>	Safety Device & Sol
	<b>#GAS806815</b>	Thermocouple Pilot Ignition
	<b>#GAS806815e</b>	Thermocouple Elec. Ignition
16)	<b>#GAS806820</b>	Pilot Gas Pipe w/ fittings
17)	<b>#GAS806825</b>	Pilot Cover
18)	<b>#GAS806830</b>	Thermocouple Holder
	<b>#GAS806830e</b>	Thermocouple Holder Elec.



Key	Item#	Description
19)	<b>#GAS806835</b>	Pilot Jet LP .30
	<b>#GAS806840</b>	Pilot Jet NG .40
20)	<b>#GAS806845</b>	Washer M 6
21)	<b>#GAS806850</b>	Suspension Chain
22)	<b>#GAS806855</b>	Nylock Nut M 6
23)	<b>#GAS806860</b>	Slide bracket - Gasket Plate
24)	<b>#GAS806865</b>	Screw M6 Gasket Plate
25)	<b>#GAS806870</b>	Wing Nut M6 Gasket Plate
	<b>#GAS806875</b>	Burner Pipe Support
26)	<b>#GAS806880</b>	Nut M6
27)	<b>#GAS806885</b>	Lock ring M 6

Key	Item#	Description
	<b>#GAS806890</b>	Hose Socket
28)	<b>#GAS806905</b>	Screw M5x10
29)	<b>#GAS806910</b>	Thermostat
30)	<b>#GAS806915</b>	Elbow 3/8m x 3/8f brass
31)	<b>#GAS806920</b>	Bushing 3/8 x 1/4
32)	<b>#GAS806925</b>	Hose Socket 3/8m 90 degree
33)	<b>#GAS806930</b>	Sensor Bracket
34)	<b>#GAS806935</b>	Sensor Clamp
35)	<b>#GAS806940</b>	Burner Pipe Support
36)	<b>#GAS806945</b>	Pilot Gas Pipe
37)	<b>#GAS806975</b>	Igniter 26 V/AC



## Shenandoah Shen Beam

- 42,000 BTU
- Canopy not included

#AGL52104000

Direct spark/Zone

## Shenandoah Shen Glow

- 42,000 BTU
- Canopy not included

#AGL52102001

Pilot / Individual - RS1105



### WARNING:

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## Shenandoah Brooder Parts



### Cone Insulation - Shen Beam & Glow

#AGL11000030 .....no flange



### Hybrid Burner Assy - Shen Beam & Glow

#AGL31031061 .....LP



### Spark Ignitor - Shen Beam

#HS851 .....50" cord



### Orifice - Shen Beam & Glow

#AGL11010215 .....#48 (LP)

#AGL11010210 .....#37 (NG)



### Aluminum Tube - Shen Beam & Glow

#HS657 .....3/8" x .0345 x 32"

#HS639 .....1/4 x .032 /per ft



### Ignition Control Board - Shen Beam

#AGL16-550683 .....DSI



### White Rodgers Valve - Shen Beam

#AGL11001238 .....DSI



### Universal Transformer - Buck Boost

#250SV43B .....Square D .25KVA 12/24

#FPESB12N-250F .....Federal Pacific .25KVA

#G0863545 .....ACME 120/240V-In 12/24V-Out .25KVA

#KT1H275 .....ACME 120/240V to 24V .50KVA (500VA)



### WARNING:

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#AGL16-10397



#AGL28024042

### Pilot Shield - Shen Glow

#AGL16-10397 .....Vertical Pilot Shield

#AGL28024042 .....Pilot Shield



### WARNING:

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### Pilot Orifice - Shen Glow

#AGL11002205 .....Large Body #78 (LP)

#AGL11002203 .....Large Body #73 (NG)



### WARNING:

This product can expose you to chemicals, including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



### Pilot Orifice

#AGL11000205 .....#78 (LP)

#AGL11000203 .....#73 (NG)



### WARNING:

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### Burner Orifice

\*For Sibley pancake convection

#S1101-0223 .....#52 (LP)

#AGL11010218 .....#43 (NG)



### WARNING:

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# Shenandoah Brooder Parts

Select your choice of canopy to complete the brooders!



#AGL11011008 .....	34" galvanized
#AGL21000033 .....	34" aluminum
#AGL16-10398 .....	46" galvanized
#AGL11014053 .....	46" aluminum

**⚠ WARNING:**

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## Universal Thermo Coupler Kit



#HS581 .....	36"
#HS580 .....	30"

**⚠ WARNING:**

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## Gauging Bits

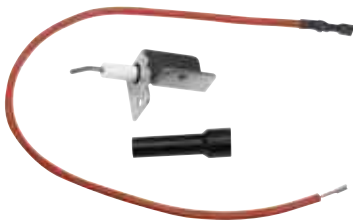


#HS658-48 .....	Bit Drill Gauging #48
#HS658-52 .....	Bit Drill Gauging #52
#HS658-73 .....	Bit Drill Gauging #73
#HS658-75 .....	Bit Drill Gauging #75
#HS658-77 .....	Bit Drill Gauging #77
#HS658-78 .....	Bit Drill Gauging #78
#HS658-79 .....	Bit Drill Gauging #79
#HS658-80 .....	Bit Drill Gauging #80

**⚠ WARNING:**

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## Shenandoah/Chore-Time Quad Heater



### Igniter

#AGL16550135 .....	w/ burner mount and wire
--------------------	--------------------------

## Toggle Switch

*SPST	
#EL1000 .....	10 Amp



## Gas Hose

• 1/4" ID X 3/8"	
#AGL16050055 .....	8' Long



## Backup Zone Control

#AGL45104115 .....	Backup Zone Control
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## Ceramic Radiant

\* for Sibley pancake convection

#AGL18005057 .....	Ceramic
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## Brooder Covers

- Constructed of 8x8 clear poly
- Attaches with included tie rope to protect brooders from dust and dirt between use.

#BROODCVR20 .....	20" cover
#BROODCVR34 .....	34" cover
#BROODCVR46 .....	46" cover



## Pilot Orifice Cleaning Pen Vise with Needles

#PPV-12 .....	Pen vise with 12 needles
#PPV12-414 .....	Replacement needles (12 pk)



Scan QR Code to watch video

## Gas Valve - DSI

• 120 Volt	
• 5 PSI	
#AGL16000058 .....	no terminals



## Replacement Channel Board Kit

*Includes module and Harness	
#AGL16550153 .....	120V



## Orifice

#AGL16550057 .....	#54 (LP)
#AGL16550326 .....	#61 (NG)



## Solenoid Valve

#AGL16550137 .....	with terminal clips
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**WARNING:**  
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**WARNING:**  
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**WARNING:**  
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## Gro40 Brooders

Now improved with Stainless Steel burner, water resistant ignition control and dual fuel gas valve. 40,000 BTU brooders available in pilot, direct spark and zone models.

#GRO40-CR-L5N5	Direct Spark Ignition (LP & NG)
#GRO40-CR-L5N5-1	Direct Spark Ignition (120V version)
#GRO40-CR-L2	Pilot Zone, LP
#GRO40-CR-L3	Pilot Modulating Control, LP
#GRO40-CR-L9	Pilot Individual Control, LP
#GRO40-CR-N2	Pilot Zone Control NG Rad Alum Canopy CR
#GRO40-CR-N9	Pilot Ind T Stat Control NG Rad Alum CR
#GRO40-CR-B9	Pilot Ind T Stat Control P & B Mix

## Tru40™ High Pressure Radiant Gas Brooder

- 40,000 Btu
- Direct Spark Ignition - no standing pilot
- Stainless steel burner and emitter

#GRO40I-L5HPAL35	High Pressure, Insulated, LP
#GRO40I-N5HPAL35	High Pressure, Insulated, NG

## LoPro™ Low Profile Brooder

- Low 13" profile - ideal for low ceiling houses
- Stainless steel burner
- Direct spark ignition

#GFPLPBH40-L5	40,000 Btu, high pressure, LP
#GFPLPBH40-N5	40,000 Btu, high pressure, NG
#GFPLPBL42-L5N5	42,000 Btu, LP & NG

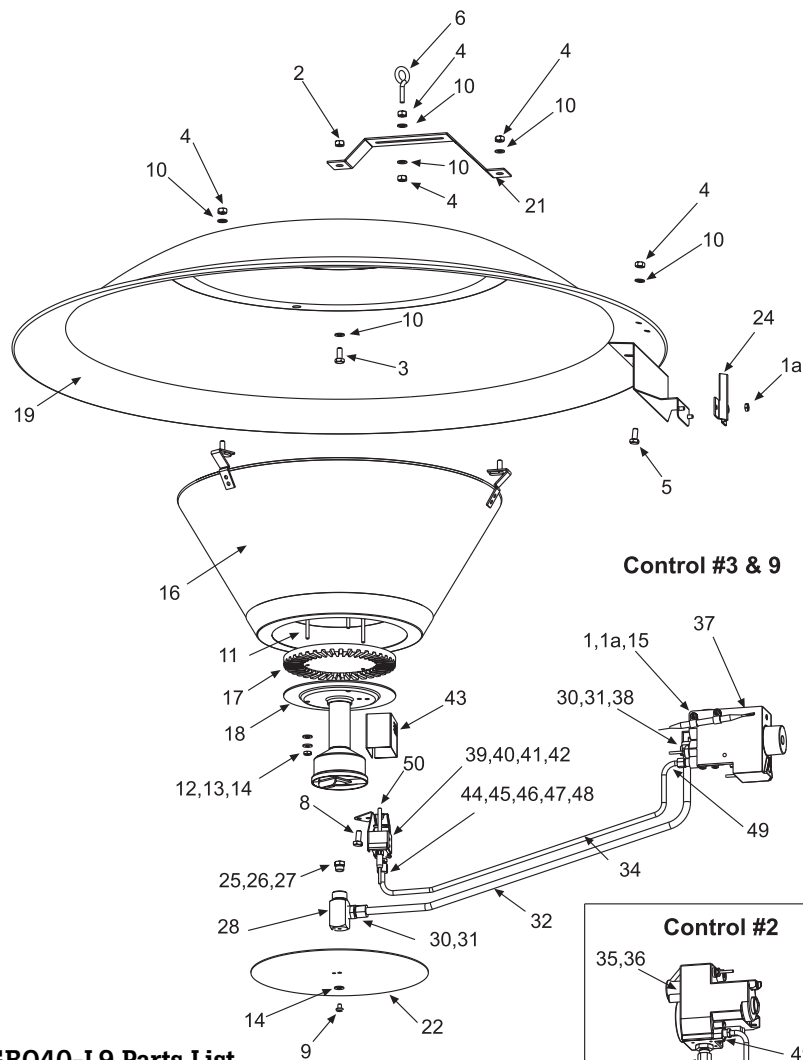
## Zone Control Panel

A power supply control which utilizes a 375VA transformer to provide the required 24VAC for single or multiple groups brooders. Controls up to (25) 40,000 Btu brooders. Galvanized housing.

#GRO1119	24V Zone Control Panel
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**WARNING:**  
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## GRO40-L2, GRO40-L3 & GRO40-L9 Parts List

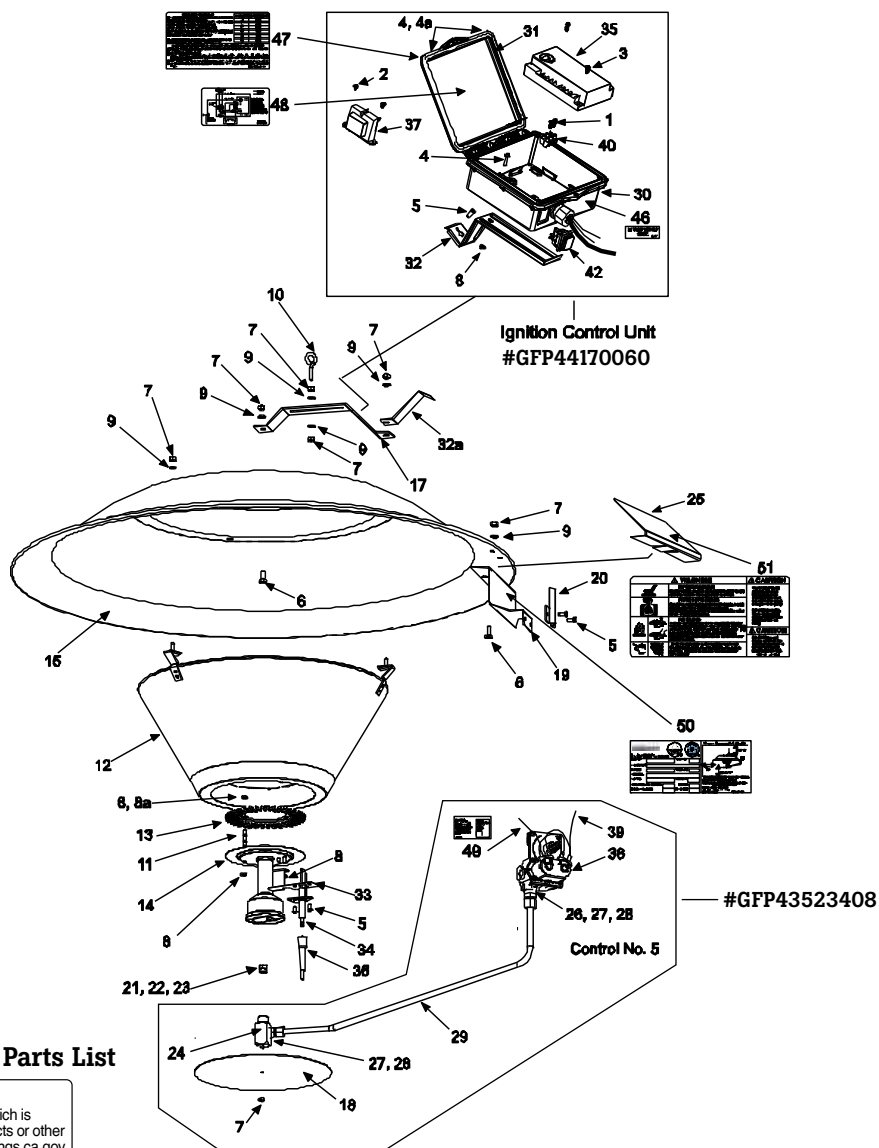


### WARNING:

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Key	Item#	Description	GRO40-L2	GRO40-L3	GRO40-L9
1)	<b>#GRO1035</b>	#8-32 x 1/2" Pan Head Screw	-	2	2
1a)	<b>#GRO1040</b>	#8-32 Hex Locknut	2	4	4
2)	<b>#GRO1037</b>	#12-24 Hex Nut	1	1	1
3)	<b>#GRO1051</b>	#12-24 x 1/2" Hex Head Screw	1	1	1
4)	<b>#GRO1039</b>	1/4-20 Hex Locknut - Keps	7	7	7
5)	<b>#GRO1044</b>	1/4-20 x 5/8" Hex Head Screw	2	2	2
6)	<b>#GRO1050</b>	1/4-20 x 2" Eyebolt (includes nut)	1	1	1
8)	<b>#GRO1041</b>	#10-24 x 3/8 Pan Head Screw	2	2	2
9)	<b>#GRO1036</b>	#10-32 x 1/4" Pan Head Screw	1	1	1
10)	<b>#GRO1049</b>	#M8 Flat Washer	8	8	8
11)	<b>#GRO1045</b>	#M5 x 35mm Hex Head Screw	3	3	3
12)	<b>#GRO1046</b>	#M5 Hex Nut	3	7	7
13)	<b>#GRO1047</b>	#M5 Flat Washer	3	7	7
14)	<b>#GRO1048</b>	#M5 Spring Lockwasher	4	4	4
15)	<b>#GRO1062</b>	Cable Clamp 5/16" ID	-	2	2
16)	<b>#GRO1089</b>	Emitter Assembly	1	1	1
17)	<b>#GRO1088</b>	Burner Cap	1	1	1
18)	<b>#GFP44464050</b>	Burner Base Assy (w/swivel clamp)	1	1	1
19)	<b>#GRO1081</b>	Reflector Canopy - Aluminum	1	1	1
21)	<b>#GRO1096</b>	Low Profile Hanging Bracket	1	1	1
22)	<b>#GRO1083</b>	Burner Pan (center mounted)	1	1	1
24)	<b>#GF43982030</b>	V-Clamp (manifold support)	1	1	1
25)	<b>#GRO1057</b>	Main Burner Orifice (1.9mm) - LP Gas	1	1	1
26)	<b>#GRO1055</b>	Main Burner Orifice (#31) - Natural Gas	1	1	1
27)	<b>#GRO1056</b>	Main Burner Orifice (#50) - LP/Butane Gas	1	1	1
28)	<b>#GRO1084</b>	Main Burner Orifice Fitting Sub-Assy	1	1	1

Key	Item#	Description	GRO40-L2	GRO40-L3	GRO40-L9
29)	<b>#GRO1073</b>	1/2" MPT x 3/8" Tube Fitting (USA Style)	1	-	-
30)	<b>#GRO1064</b>	3/8" Compression Sleeve (USA Style)	1	1	1
31)	<b>#GRO1066</b>	3/8" Compression Nut (USA Style)	1	1	1
32)	<b>#GRO1085</b>	Main Burner Tubing, 3/8"	1	1	1
33)	<b>#GRO1086</b>	Pilot Burner Tubing, 1/4"	1	-	-
34)	<b>#GRO1087</b>	Pilot Burner Tubing, 1/4"	-	1	1
35)	<b>#GF30641060</b>	Gas Valve, RobertShaw NG	1	-	-
36)	<b>#GF43648330</b>	Valve Kit, LP	1	-	-
37)	<b>#GRO1076</b>	Gas Valve, SIT #0630501, NG & LPG (w/plug)	-	-	1
37a)	<b>#GRO1052</b>	Gas Valve, SIT #0630501, LPG (w/min. rate screw)	-	1	-
37b)	<b>#GRO1053</b>	Gas Valve, SIT #0630501, NG (w/min. rate screw)	-	1	-
38)	<b>#GRO1054</b>	3/8" MPT x 3/8" Tube Fitting Elbow	-	1	1
39)	<b>#GRO1103</b>	Pilot Assembly Complete, LPG	1	1	1
40)	<b>#GRO1104</b>	Pilot Assembly Complete, NG	1	1	1
41)	<b>#GRO1105</b>	Pilot Housing Sub-Assembly	1	1	1
42)	<b>#GRO1102</b>	Pilot Housing - Outer	1	1	1
43)	<b>#GRO1106</b>	Pilot Windshield - Perforated	1	1	1
44)	<b>#GRO1067</b>	Pilot Orifice Holder, 1/8 NPT x 1/4 Tube	1	1	1
45)	<b>#GRO1059</b>	Pilot Orifice (#79), LPG	1	1	1
46)	<b>#GRO1058</b>	Pilot Orifice (#76), NG	1	1	1
47)	<b>#GRO1063</b>	1/4" Compression Sleeve (USA style)	1	1	1
48)	<b>#GRO1065</b>	1/4" Compression Nut (USA style)	1	1	1
49)	<b>#GRO1061</b>	1/4" Break-Away Fitting (gas valve end)	1	1	1
50)	<b>#GRO1080</b>	Thermocouple, 36" Snap-In	1	1	1
51)	<b>#GRO1092</b>	Installation Manual (not shown)	1	1	1
52)	<b>#GRO1090</b>	Kit, Complete Fastener (not shown)	1	1	1



## GRO40-CR-N5 & GRO40-CR-L5 Parts List

### ⚠ WARNING:

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Key	Item#	Description	SRB40CR-5 Qty	Key	Item#	Description	SRB40CR-5 Qty
1)	#GFP02345010	Pan Head Screw #4-20X5/8" Plastite	2	28)	#G3601020	Nut Compression 3/8" Usa Style	2
2)	#GFP02337010	Pan Head screw #6-19 X 1/4" Plastite	2	29)	#GRO1085	Tubing Main Burner 3/8" For GRO40	1
3)	#GFP02174150	Pan Head Screw #6-32 X 1/2"	2	30)	#GFP4451100	Junction Box Complete Plastic	1
4)	#GFP02168160	Pan Head Screw #10-24 X 7/8"	3	31)	#GFP44452100	O-Ring Gasket Junction Box	1
4a)	#GFP02336010	O-Ring Retainer	2	32)	#43536190	Bracket, Box Support for CR Version	1
5)	#GRO1108	PHMS #10-24 x 3/8" SS	5	32a)	#GFP43536210	Brace, Box Support	1
6)	#GFP02259000	Hex Head Screw 1/4-20 X 5/8" SS	3	33)	#GF44468050	Bracket Electrode for the CR Version	1
7)	#GFP02167019	Hex Nut - 1/4-20 Keps SS	9	34)	#HS648	Igniter Spark For Direct Spark Brooder	1
8)	#GFP02167029	Nut for GRO40 CR Emitter (6 Per Brooder)	8	35)	#GRO1077	Module Ignition Direct Spark Brooder	1
9)	#GFP02129100	Washer Flat 1/4" SS	8	36)	#GRO1078	Cable Ignition 35" Spade/Spark Plug GRO40 DSI Brooder	1
10)	#GFP02309010	Eyebolt 1/4-20 X 2 Includes One Nut	1	37)	#G30279000	Transformer For Space Ray Tube Heater	1
11)	#GFP40219520	Spacer Bolt Stainless	3	38)	#GF30753000	Valve White Rogers for CR version (15M18)	1
12)	#GF43525250	Emitter Assembly Less Burner Cap	1	39)	#GFP43444010	Wire Harness From Ignition Module	2
13)	#GFP44465060	Burner Cap. SRB40 Stainless CR Version (43309000)	1	40)	#GFP30739020	Terminal Block 3 Pole	1
14)	#GFP44464050	Burner Assy Stainless CR Version	1	41)	#GRO1079	Connector Cord 1/2"	1
15)	#GRO1081	Canopy Reflector Aluminum	1	42)	#GFP30381010	Switch, Rocker - SPST Power on/off	1
17)	#GF43826030	Low Profile Hanging Bracket (w/ eyebolt) CR Version	1	43)	#GRO1069	Tie Wire GRO40	3
18)	#GF43304040	Burner Pan-Center Mount - SS	1	44)	#GFP43539260	Installation Manual	1
19)	#GFP43983030	Manifold Support Assy Radiant Shield	1	45)	#GF43534100	Fastener Kit SRB40CR	1
20)	#GFP43982030	V-Clamp Manifold Support	1	46)	#GFP43269000	Label 24 Volt Supply	1
21)	#GRO1057	Orifice Main Burner 1.9MM LP Gas	1	47)	#GFP43311100	Label Lighting Instructions	1
22)	#GF03259330	Orifice Burner 7/16-27 #33 NG L5 to N5	1	48)	#GFP43623190	Label Wire Connections	1
23)	#GRO1056	Orifice Main Burner 50 LP Butane Gas	1	49)	#GFP43269120	Label Torque Setting Flip/Flop Regulator Screw	1
24)	#GF43305980	Main Burner Orifice Fitting (CR Version)	1	50)	#GFP43311210	Label Nameplate Rating Plate	1
25)	#GFP43311930	Label Holder Plate for the CR Version	1	51)	#GF43311180	Label Hazard/Caution for the CR Version	1
26)	#GFP3602070	Fitting Male Coupler 68EEE	1		#GFP43523408	Control Arm Complete w/ Gas Valve	-
27)	#GRO1064	Sleeve 3/8" Compression USA Style	2		#GFP44170060	Control Box Package DSI	-



# GroTUBE

The GroTube is an energy efficient, push through radiant tube system with these unique features:

- Choose from either Calorized aluminized steel emitter tube for greater corrosion resistance or standard cold-rolled steel
- Available in either natural or propane gas models
- Diagnostic lights indicate when the heater is operating and provide a unique "troubleshooting" feature
- Available in BTU ratings from 75,000 to 150,000 and many lengths to choose from
- Heavy cast iron burners for longer life
- Can be used in either vented or unvented styles of installation
- TISS (Tube Integrity Safety Shut-Off System) is a patent-pending safety feature that automatically shuts off the heater in the event of a tube failure.

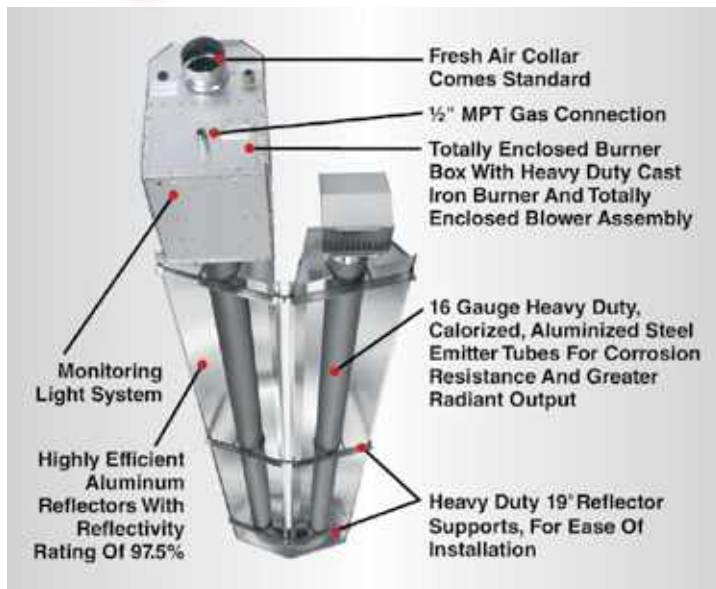
**Available in Single or 2-Stage Models!**

## WARNING:

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# BigFOOT Radiant Tube Brooder



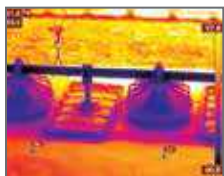
The 19° angle of the reflectors is designed to direct energy down directly to floor level where it's needed.

## Single Stage

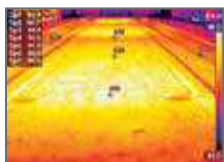
#GFPBF60-15-N5	60,000 SS NG 7.5' Overall 15' Tube
#GFPBF60-20-L5	60,000 SS LP 10' Overall 20' Tube
#GGFP44461030	60,000 SS NG 10' Overall 20' Tube
#GFPBF70-15-L5	70,000 SS LP 7.5' Overall 15' Tube
#GFPBF70-15-N5	70,000 SS NG 7.5' Overall 15' Tube
#GFPBF70-20-L5	70,000 SS LP 10' Overall 20' Tube
#GFPBF70-20-N5	70,000 SS NG 10' Overall 20' Tube
#GFPBF80-20-L5	80,000 SS LP 10' Overall 20' Tube
#GFPBF80-20-N5	80,000 SS NG 10' Overall 20' Tube
#GFPBF90-20-L5	90,000 SS LP 10' Overall 20' Tube
#GFPBF90-20-N5	90,000 SS NG 10' Overall 20' Tube

## Two Stage

#GFPBF6039-15-L7	60,000 2S LP 7.5' Overall 15' Tube
#GFPBF6039-15-N7	60,000 2S NG 7.5' Overall 15' Tube
#GFPBF6039-20-L7	60,000 2S LP 10' Overall 20' Tube
#GFPBF6039-20-N7	60,000 2S NG 10' Overall 20' Tube
#GFPBF7045-15-L7	70,000 2S LP 7.5' Overall 15' Tube
#GFPBF7045-15-N7	70,000 2S NG 7.5' Overall 15' Tube
#GFPBF7045-20-L7	70,000 2S LP 10' Overall 20' Tube
#GFPBF7045-20-N7	70,000 2S NG 10' Overall 20' Tube
#GFPBF8052-20-L7	80,000 2S LP 10' Overall 20' Tube
#GFPBF8052-20-N7	80,000 2S NG 10' Overall 20' Tube
#GFPBF9058-20-L7	90,000 2S LP 10' Overall 20' Tube
#GFPBF9058-20-N7	90,000 2S NG 10' Overall 20' Tube



Infrared photography shows the Big Foot™ Radiant Tube Brooder's large, even heat pattern at litter level



Big Foot's unique design produces a large rectangular heat pattern. Big Foot's wide heat pattern keeps water and food areas warm for easy bird access

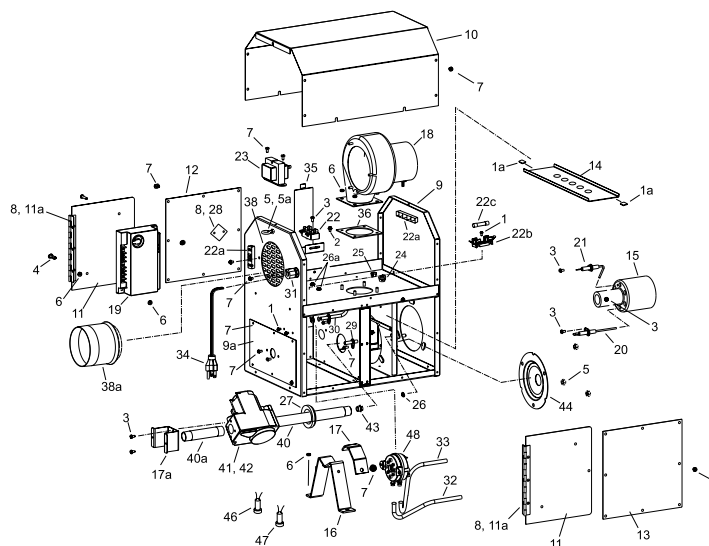


## GROTUBE Heater

Key	Item#	Description	QTY
1)	#GFP02295040	PHTCS #6-32 x 3/8"	3
1a)	#GFP02266010	Speed Clip (for air inlet plate)	2
2)	#GFP02261030	HHTCS #8-32 x 3/8" (green coated)	1
3)	#GFP02242050	PHTCS #8-32 x 3/8"	5
4)	#GFP02150200	HHMS #8-32 x 3/4"	2
5)	#GFP02167010	Locknut 1/4-20 Keps	5
5a)	#GFP02309000	Eyebolt 1/4-20 x 2	1
6)	#GFP02167040	Locknut #8-32 Keps	9
7)	#GFP02212020	HWHMS #8 x 1/2" B Point (typical all access panels)	45
8)	#GFP02132020	Rivet 1/8"	14
9)	#GFP44139990	Housing Assembly (welded)	1
9a)	#GFP44140111	Valve Holder Plate	1
10)	#GFP44140000	Access Panel (top)	1
11)	#GFP44140040	Access Panel (hinged)	2
11a)	#GFP02201070	Hinge 1-1/16" x 6"	2
12)	#GFP44140058	Access Panel (LH burner end) with sight glass	1
13)	#GFP44140090	Access Panel (RH burner end)	1
14)	#GFP441400	6x Combustion Air Plate	1
15)	#GFP42700500	Burner, Investment Casting - Machined	1
16)	#GFP44146030	Manifold Support Bracket	1
17)	#GFP44146040	Manifold Support Clamp	1
17a)	#GFP44146050	Manifold Extension Bracket	1
18)	#GFP30703000	Blower Assembly	1
19)	#GFP30632500	Spark Module - Fenwal-24V #35-615935-197	1
20)	#GFP30702010	Flame Sensor #PSE-GF24	1
21)	#GFP30702020	Electrode #PSE-GF25	1
22)	#GFP30281000	Terminal Block #EK-204	1
22a)	#GFP30717000	Terminal Block #EF-10001 (24V thermostat connection)	1
22b)	#GFP30713000	Fuse Holder	1
22c)	#GFP30202000	Fuse 1/4" x 1-1/4" (2 amp)	1
23)	#GFP30279000	Transformer 120v-24V 20VA	1
24)	#GFP02175020	Strain Relief #SR-6P3-4 (ignition cable)	1
25)	#GFP02175060	Strain Relief #SR-2M-1 (flame sensor wire)	1
26)	#GFP30514020	Grommet .250ID #739 (air sensing tube)	1
26a)	#GFP30512020	Split Bushing #2871 (misc. wiring, ignition cable, sensor wire)	2
27)	#GFP30700040	Grommet, Pipe Sealing 1/2" #63595K34	1
28)	#GFP42447000	Sight Glass (1-5/8" square plexiglass)	1
29)	#GFP42744079	Air Sensing Tube Asm. (straight) 1/4"od	1
30)	#GFP42744069	Air Sensing Tube Asm. (90 deg bend) 1/4"	1
31)	#GFP30635030	Cord Connector 1/2 #LPCG50	1
32)	#GFP03988100	Plastic Vacuum Air Tube 10" (P2- to static pressure point)	1
33)	#GFP03988100	Plastic Vacuum Air Tube 10" (P1+ to total pressure point)	1
34)	#GFP43563040	Supply Cord -Flat (SPT-1 18/3 x 72" long)	1

## WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



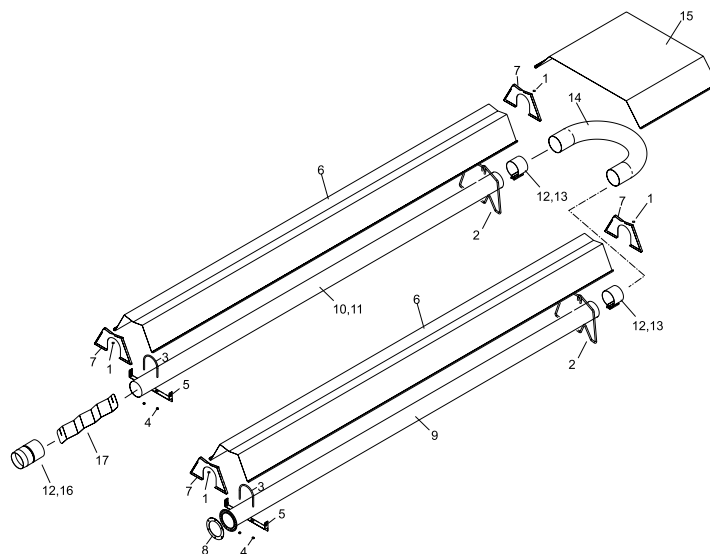
Key	Item#	Description	QTY
35)	#GFP42709000	Shield, Terminal Block	1
36)	#GFP42395010	Gasket, Blower	1
37)	#GFP03946010	Sealing Strip 1/8" x 3/8" wide (access panels) -not shown	Ft.
38)	#GFP42752250	Air Inlet Screen	1
38a)	#GFP30504040	Starting Collar (combustion air inlet)	1
39)	#GFP30701240	Ignition Cable - Female (2) 1/4" QC x 24"lg #PSE-GF23 - not shown	1
40)	#GFP44145060	Manifold Pipe 6-1/4 lg	1
40a)	#GFP03333140	Pipe Nipple 4 lg	1
41)	#GF44010270	Valve Kit, Single Stage, NG	1
41a)	#GF44010400	Valve Kit, Single Stage, LP	1
42)	#GF44010390	Valve Kit, Two Stage, NG	1
42a)	#GF44010400	Valve Kit, Two Stage, LP	1
43)	#GFP03259	Main Burner Orifice #7/16-27"	1
44)	#GFP42741150	Air Restrictor Plate 2-3/4"	1
46)	#GFP42398030	Monitoring Light Amber (gas valve operation)	1
47)	#GFP42398150	Monitoring Light Red (air switch operation)	1
48)	#GFP30186260	Air Switch (set point @ .65WC) GROTUBE PC75 & 100	1
48a)	#GFP30186270	Air Switch (set point @ .34WC) GROTUBE PC125 & 150	1

## GROTUBE Body Components

Key	Item#	Description
1)	#GFP02266010	Reflector Speed Clip
2)	#GFP43980010	Wire Hanger
3)	#GFP42873000	U Bolt Clamp, 4 OD Tube
4)	#GFP02127110	5/16-18 Hex Nut (2 per U Bolt)
5)	#GFP43318000	Tube Support/Hanger Bracket, 13"
6)	#GFP43319100	Reflector, 9' - 11-1/2" long (10' section only; 1 per 10 ft. body section)
7)	#GFP43320000	End Reflector
8)	#GFP42921000	Tube Flange Gasket
9)	#GFP44028170	10' Tube Assembly Kit, 4 OD, ATC steel with one 6-hole flange (start tube)
10)	#GFP44028100	10' Tube Assembly Kit, 4 OD, HRS steel w/o flanges (extension tube)
11)	#GFP44028060	10' Tube Assembly Kit, 4 OD, ALC steel w/o flanges (extension tube)
12)	#GFP02189020	#10 x 1/2 Self-Drilling Screw
13)	#GFP30462980	4 OD Tube Compression Coupling w/bolts
14)	#GFP43208020	4 OD U-Bend (optional)
15)	#GFP43488000	U-Bend Reflector (optional)
16)	#GFP30504500	Flue Adapter Collar
17)	#GFP44152240	Turbulator

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# Sentinel® v.2

- 40 foot and 50 foot tube lengths
- Heat output ratings from 125,000 to 150,000 Btu/h
- Natural gas or liquid propane gas models
- Choose from single stage or two stage models
- Dependable spark ignition
- Other Sizes Available

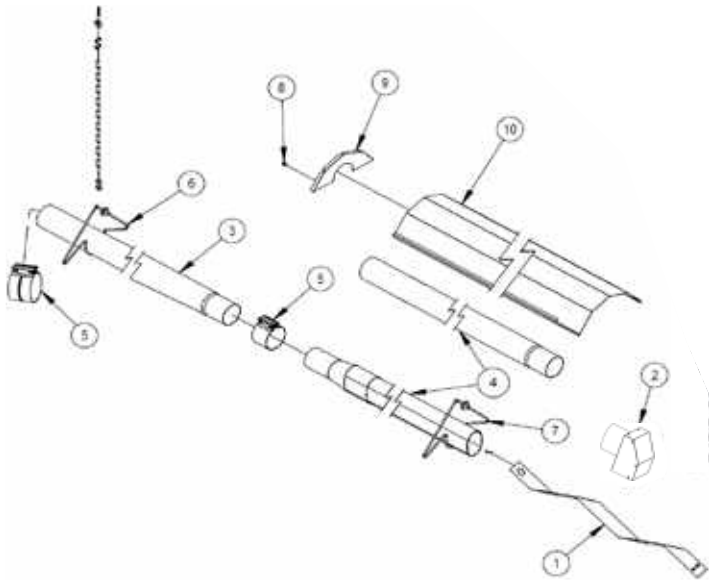


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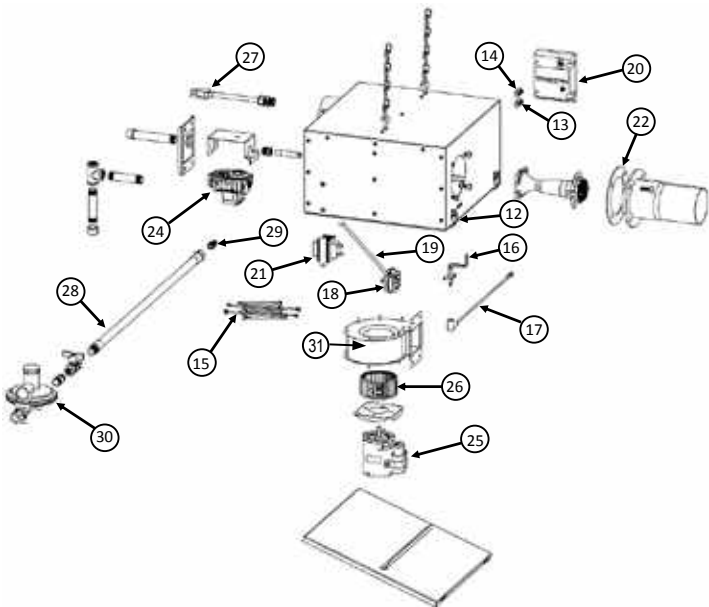
#LB125CSND220140	125,000 Btu, 40', Sg Stage, NG
#LB125CSND220141	125,000 Btu, 50', Sg Stage, NG
#LB125CSPD210140	125,000 Btu 40', Two Stage, LP
#LB125CSPD220140	125,000 Btu, 40', Sg Stage, LP
#LB125CSPD220141	125,000 Btu , 50', Sg Stage, LP

#LB150BSPD210141	150,000 Btu, 50', Two Stage, LP
#LB150CSND220142	150,000 Btu, 50', Sg Stage, NG
#LB150CSND220198	150,000 Btu, 40', Sg Stage, NG
#LB150CSPD220142	150,000 Btu, 50, Sg Stage, LP
#LB150CSPD220198	150,000 Btu, 40' Sg Stage, LP



### Replacement Parts

Key	Item#	Description
1	LB572892	Air turbulation strip (2 for Oval 80 and 3 for Sentinel)
2	LB573970	Vent Cap, AT
	LB573971	Vent Cap, AR
3	LB573011	Tube, calorized, 4 in. x 10 ft., with clamp, (All other Sentinel)
	LB572894	Tube, calorized, 3 in. x 10 ft., with clamp, Oval 80
4	LB573011	Tube, calorized, 4 in. x 10 ft. round w/ clamp, Sentinel
	LB572893	Tube, oval with clamp, Oval 80
5	LB573009	Clamp, 4 in., round, Sentinel
	LB572842	Clamp, 3 in. round, Oval 80
6	LB573004	Hanger, 4 in. round tube
	LB572852	Hanger, 3 in. round tube
7	LB572870	Hanger, oval tube
8	LB572868	U-clips (4)
9	LB572869	End cap with 4 u-clips
10	LB572895	Reflector, with end cap and u-clips



### Replacement Parts

Key	Item#	Description
12	LB573775	Latches and strike
13	LB573769	Red LED
14	LB573770	Green LED
15	LB573681	Wire harness
16	LB500-24972	Ignitor with bracket
17	LB572847	Ignition cable
18	LB573682	Air differential pressure switch
19	LB572883	Tube, air differential pressure switch
20	LB573946	Ignition Control
21	LB573697	Transformer
22	LB573006	Gasket, burner
24	LB573774	Gas control valve, LPG
	LB573773	Gas control valve, NG
25	LB572860	Motor
26	LB572864	Fan Wheel
27	LB572865	Power cord with connector
28a	LB550-20713	Hose, 6 ft., 1/2 ID. w/adaptor, rigid x swivel, Sentinel
28b	LB550-21994	Hose, 6ft., 3/8 ID. w/adaptor, rigid x swivel, Oval 80
29a	LB500-25873	Adapter, 1/2 NPT x 1/2 NPS, Sentinel
29b	LB573804	Adapter, 1/2 NPT x 5/8-18 UNF-2A, Oval 80
30	LB550-06553	Regulator, second stage, propane gas
	LB500-24414	Regulator, second stage, natural gas
31	LB574233	Fan housing
N/S	LB572896	Complete gasket kit for burner box



Alpha Series Heaters produce short wave length infrared that convert 85% of consumed energy to instant, controllable, directional heat.

Solaira Alpha Series electric infrared heaters offer a practical solution to heating enclosed areas without dangerous gas emissions. Perfect for stables, kennels, garages, and wash bays. Alpha Series Heaters are engineered to meet IP55 standard for water spray so they can be installed in both wet (outdoor) and dry conditions (indoor or outdoor).

- Powder coated aluminum body and mounting brackets, stainless accessories
- Indoor or outdoor rated for wet or dry conditions
- Rain, snow and spray resistant
- No co2 or nox emissions
- Up to 8,000 hour emitter life

**WARNING:**

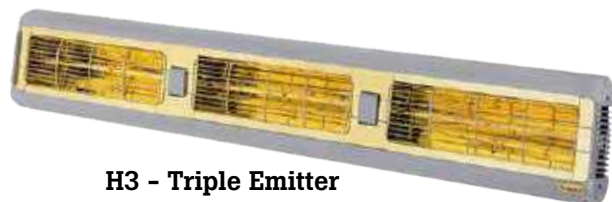
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H1-Single Emitter



H2 - Double Emitter



H3 - Triple Emitter



## Solaira™ Smart Heater Controls

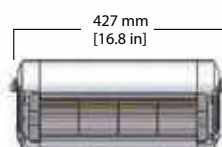
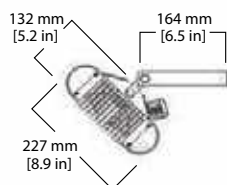
Solaira Smart controllers allow users to variably control Alpha electric heater output to maximize comfort levels.

**DUAL VOLTAGE 34 and 16 AMP Variable control**

- 34 AMP unit will control up to 6.4kW @208/240V and 3.2kW @ 120V
- 16 AMP unit will control up to 3.2kW @208/240V and 1.6kW @ 120V

**SMART34-DV** ..... 34 Amp  
**SMART16-DV** ..... 16 Amp

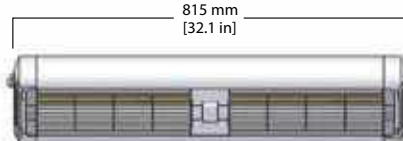
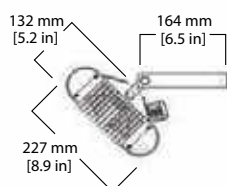
Item#	Description	Total Watts	Voltage	Amps	Minimum Height from Floor	Color
SALPHA15120S	H1 - Single Emitter	1500	120	12.5	79"	Silver/Grey
SALPHA15240S	H1 - Single Emitter	1500/1125	208-240	6.3/5.4	79"	Silver/Grey
SALPHA20240S	H1 - Single Emitter	2000/1500	208-240	8.3/7.2	79"	Silver/Grey
SALPHAH2-30240S	H2 - Double Emitter	3000/2250	208-240	12.5/10.8	98-1/4"	Silver/Grey
SALPHAH2-40240S	H2 - Double Emitter	4000/3000	208-240	16.7/14.4	98-1/4"	Silver/Grey
SALPHAH3-60240S	H3- Triple Emitter	6000/4500	208-240	25/21.6	120"	Silver/Grey



Single Emitter

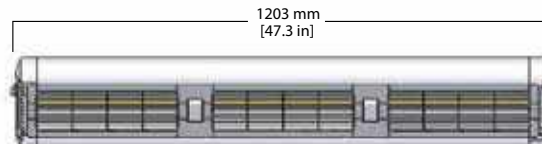
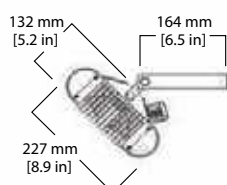
### SPECIFICATIONS

Weight 7.5 lbs [3.4 kg]



H2- Double Emitter

Weight 12.3 lbs [5.6 kg]



H3- Triple Emitter

Weight 17.6 lbs [8.0 kg]



# **Poly Lamp**

Durable polypropylene lamps will not corrode or dent and flexible sides cushion bulbs from breakage. Polypropylene formulation contains UV stabilizers for longevity. Poly Lamp carries an UL listing. 120-volts with 250-watt maximum rating. Extended three-year warranty.



## **WARNING:**

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## Standard Heat Lamps

- 110 V
- Aluminum shade, wire guard
- Porcelain socket
- 8'-long, 18-gauge cord
- Box of 10

- #54411.....Heat lamp complete  
 #54419.....Porcelain socket  
 #54420.....8' lamp cord, replacement



Nine-foot, ungrounded cord set includes poly hanger clip and the shade includes a wire hanger for additional hanging options. Also available with 12' cord set.



Two-piece fixture screws together on the shade top, instead of bolting, to reduce breakage. Rigid nylon fixture eliminates cord twist when replacing bulbs and the porcelain socket resists heat damage better than plastic.

- #HS664.....Poly Lamp, 18 AWG, 9' cord  
 #HS664E.....Poly Lamp, 18 AWG, 12' cord  
 #HS664-CN.....Poly Lamp, 230 Volt  
 #HS664HW9.....Poly Lamp, 16 AWG, 9' hardwired  
 #HS664HWA.....Poly Lamp, 16 AWG, 12' hardwired  
 #HS664-1.....Plastic Shade  
 #HS664-4.....Metal hanger  
 #HS664-5.....Plastic hanger  
 #HS664-9.....Cord Set Assy, 18 AWG, 9' cord  
 #HS664-12.....Cord Set Assy, 18 AWG, 12' cord  
 #HS664-12HWA.....Cord Set Assy, 16 AWG, 12' hardwired  
 #HS664-9HW.....Cord Set Assy, 16 AWG, 9' hardwired  
 #HS664-9HW18GA.....Cord Set Assy, 18 AWG, 9' hardwired



**Hog Slat®  
Poly Heat Lamp Shade**



**Hog Slat® Poly Heat Lamp  
Cord Set Assembly**



**Hog Slat® Poly Heat Lamp  
Metal Hanger**



**Hog Slat® Poly Heat Lamp  
Plastic Hanger**

## Monoflo® Heavy Duty Heat Lamps

- Aluminum spun shade, 20% thicker
- 22 gauge with satin finish
- Separate hanger clip
- Heavy gauge aluminum base
- Porcelain socket and 10' cord
- Flexible rubber cord and mounting hook
- Sturdy bulb guard protects animal from bulb while base distributes heat evenly

- Heat Lamp Kit (replacement)**
- Fully enclosed socket housing with retaining ring
  - Spring loaded center contact post
  - Brass connecting stud screws & nuts
  - 3 prongs with ground optional

- #544111.....Monoflo heat lamp  
 #544112.....Heat lamp kit



## Adjusta Heat

- Extra heavy-duty high-impact polypropylene housing
- Adjustable bulb height built into housing
- Hanger attaches to housing
- UL Approved
- 2-Year warranty



#ADJHEAT .....complete w/ 8' cord  
#ADJHEAT-12 .....complete w/ 12' cord

## Cord with Socket and Handle Complete

#ADJHANDLECORD8 .....8'



## Cord with Socket only

#ADJELCORD8 .....8'  
#ADJELCORD12 .....12'



## Plastic Handle Housing

#ADJHANDLE ..... Includes hardware



## Hanger

#ADJHEATHANG ..... Wire hanger



## Shroud

#ADJSHROUD ..... Plastic



## Heat Bulbs

Infrared clear bulb, 120-volt with brass medium screw base.

#HS54413 ..... 125 Watt Bulb  
#HS54412 ..... 250 Watt Bulb



## Dimpled Heat Bulbs

Heavier glass construction with dimpled face.

#HSHBD-125 ..... 125 Watt Bulb  
#HSHBD-175 ..... 175 Watt Bulb



## SLI Heat Bulbs

- Dimpled face
- Heavier glass construction
- Energy saving 100 & 175 wattage

#54415 ..... 175 Watt Bulb



## PHILIPS Heat Bulbs

- Uses 30% less energy
- Hard-dimpled glass
- Rugged construction with medium brass base - built to resist water & shock
- 5,000-hour rating
- Long-life usage at 120 V
- Dimmable output
- Adjust it to your application's needs

#544132 ..... Philips Heat Bulb, 175 W



## Stanfield® Heat Pads

Delivering safe, efficient heating to animals since 1973

- Tough, wear resistant fiberglass reinforced composite pad
- 10' power cord
- 120 Volt
- Order Cord Shield OFH-OOF152 with heat pads as extra protection for power cords.



### 2-Litter Farrowing Heat Pads

#OFH-RS2B30-1 ..... 2 x 3 ft., 160 W  
#OFH-RS2B40-1 ..... 2 x 4 ft., 200 W



### 1-Litter Farrowing Heat Pads

#OFH-RS1B30-1 ..... 1 x 3 ft., 80 W  
#OFH-RS1B40-1 ..... 1 x 4 ft., 100 W

## Kane Heat Mats

- Easy-to-clean, durable Polyethylene construction
- 120 Volt
- Includes power cord

### Single Heat Mats

#PHMS36 ..... 13.5" W x 36" L, 65 watts  
#PHMS60 ..... 13.5" W x 60" L, 84 watts  
#PHMS45 ..... 18" W x 45" L, 115 watts  
#PHMS57 ..... 18" W x 57" L, 127 watts

### Double Heat Mats

#PHMD60 ..... 27" W x 60" L, 216 watts



## MicroZone

### Lamp & Mat Control

MicroZone controls allow you to reduce energy consumption and provide more consistent heating levels for piglets.

- Self-adjusting, 0-100% variable power output
- Programmable temperature ramp
- Control is protected against transient voltage spikes, thermal overload and short circuits in heating devices
- Compact, corrosion and water-resistant housing
- Can lower electricity costs by 30% or more

#MC100 ..... Control



### Power Supply - 110V

Power supply provides the low voltage power to the MicroZone controller.

#MPS100 ..... Power Supply



## Mat Controls

For use in controlling heat mats in dog kennels and whelping pens. Not for use in highly corrosive areas.



### KMHR 300

- Dial-A-Temp
- Manual variable control of heat pads

#KHMR-300 ..... 300 W 110 V

### TD-30

#### Thermostat

The TD-30 thermostatic control device is designed for safe and effective heat mat surface temperature management. This state of art controller will maintain any pre-selected temperature up to 110°F.

- Touch button control
- Energy-saving fixed 2° differential
- Temperature alarm with internal buzzer

#KTD-30 ..... Kane heat mat control



### Power Modulator

Power modulator regulates the power going to the heat lamps or mats in response to commands from the MicroZone controller

#MPM100 ..... Power Modulator



### Temperature Sensor

Replacement sensor

#TS3 ..... Temp Sensor







### Slat Mats

- A high density plastic mat that is placed under the feeder to protect new slats or stop concrete erosion on older slats.

#HS10064.....	46-3/4" x 3'
#HS10065.....	46-3/4" x 4'
#HS10066.....	46-3/4" x 5'
#HS100655.....	46-3/4" x 6'



### Gro-Loc Fasteners

- Complete assembly includes 3/8" x 4" stainless steel bolt & washer
- Remains firmly locked and can be retightened
- Packaged in boxes of 100

#GRO-LOC..... Gro-Loc fasteners  
\* Excessive torque on this product may cause slat damage

#### ⚠ WARNING:

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### PolyMAT

Lightweight 4' x 6' weaning mat weighs only 17 lbs. Non-porous polyethylene construction features diamond-shaped pattern for superior traction. Also formed with a 1" feed saver lip to prevent loss of expensive starter feed.

#PM-1 ..... PolyMAT wean/finish mat 3' 9-1/2" x 6'



### Rubber Wean to Finish Mats

- Reduce mortality
- Keep pigs dry
- Provide great traction
- Easy to clean
- 48" wide x 72" long with a 1/2" tall feed saver lip
- 4 reinforced hand holds are bordered by a 1/4" tall lip to prevent loss of expensive starter feeds
- Can be hung by hand holds to simplify storage
- Provides a comfort area for up to 35 pigs

#544187F ..... 48" x 72", 1/2" lip



### Mat Hanger

Neatly stores mats up out of the way between groups. Galvanized steel construction with braces to rafters. Hanger brackets are 17" apart.

#2040770100 ..... Mat Hanger



### Rubber Wean Mats

- Perfect for starting young piglets on feed
- 39" x 39" with 1/2 inch lip & handles

#544186F ..... Wean to finish mat



### Rubber Creep Mats w/o Lip

100% rubber creep mats with extended creep panel tabs and no lip around the edge. Raised ribs provide additional traction for young pigs.

#544189F.....	48" x 42"
#54418F.....	28" x 42"



### Rubber Creep Mats w/ Lip

- Raised tabs to keep them from moving
- Rugged mat can also be used in nursery
- Premium rubber mats with interwoven fibers

#54417F..... 28-1/4" x 40" w/feed saver lip

## Get a Tougher Slat Mat!

### ARMOR-ROCK Epoxy Overlay is the Ultimate Slat Protection!

Use as a top coating on new or repaired slats instead of plastic mats around feeders and waterers. The Armor-Rock Kit will get you started: 1.5 lbs of two part epoxy, 25 lbs. of Admix sand and 25 lbs. of broadcast topping sand.



Before.



After.

#AC133-AR..... Armor-Rock Kit



## Flex Barn End Door System

Choose from either the V-Flex top opening or S-Flex side opening doors:

- Welded steel frame
- "Quad Wrap" dead air space insulation
- Weighs approximately 200 lbs.
- Rubber seal assures tight fit, tightness increases as fans come on.
- Includes hinges and 6" spring latch closure

#D-SFLEZ-CUST ..... 12' x 9' open to the side Metal door



S-Flex door allows Hand Operation without winches.



Both models open without obstructions and are available in variety of exterior materials.



End Door Panel

### Door Panels

Door cover panels reduce drafts and improve static pressure. Features two heavy-duty, rust-proof nylon zippers on the sides. Center flap rolls up for storage during warm weather. Standard sizes 10' High x 12' and 14' wide. Can be ordered in custom sizes.

#5224111 ..... 10' x 14'  
#DHBW1213-R2Z ..... 10' x 12'



**STURDY SEAL**  
by EAGAN MANUFACTURING CO.

## Eagan Bi-Fold End Door

- Significant energy cost savings.
- Excellent sealing capability.
- Polyurethane foam injected door panels with an R-7 insulation value.
- Door comes complete with all necessary hardware.
- Skin on the back side of the door is black to aid in room darkening.
- Quality product that will last for many years to come.
- Very easy to operate.



\*Available in 10', 12' and 14' widths



## Hired-Hand Automated RollSeal Door System RS-300

### Features Include:

- Standard sizes up to 13' wide and 14' tall
- Aluminum tracks and covers
- RollSeal patented seal system, 3 ply fabric, double seal with dead air space for good thermal insulation
- Excellent seal for pressurization applications
- Additional switches and opening devices
- Remote transmitter/receiver option
- Three operators to choose from:
  - Manual chain hoist operator
  - Tube motor operator
  - Manaras opera continuous duty operator
- Fabric and window options

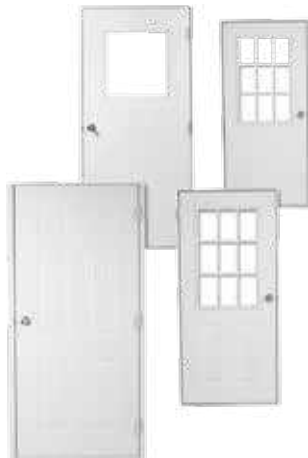
#H6621-6107 ..... Roll Seal Door Complete 12' W x 10' H  
#H6421-6024 ..... Roll Seal 300 Track Right Assy 10'  
#H6421-6025 ..... Roll Seal 300 Track Left Assy 10'  
#H6450-3502 ..... Velcro Complete Kit For RS-300 Roll Seal 10'  
#H6421-9304 ..... Roll Seal Panel RS-300 400 F Velcro 10' Right  
#H6421-9305 ..... Roll Seal Panel RS-300 400 F Velcro 10' Left





**A Hog Slat exclusive, the Barngard Door™ series has proven to deliver value beyond what is available in the marketplace.**

The advanced technology and flexible platform of the Barngard Door™ series continues to deliver value. Featuring adjustable weatherstrips, header sweep and sill sweep. The precision folded jambs, baked bright white finish, 4" x 4-1/2" hinges and the industry's best warranty are sure to make this door an industry standard for years to come.



Machine  
Formed  
6-Bend  
Technology

1 Piece  
Continuous  
Parting Stop

Adjuster  
Slot

Secure  
Weatherstripping

Durable Steel  
Construction



Machined  
Cap Hinges

Set Screw  
Fixed Pin

#BG882668	Door Complete Barngard R88 2'6" x 6'8"
#BG882868	Door Complete Barngard R88 2'8" x 6'8"
#BG883068	Door Complete Unit Barngard R88 3'0" x 6'8"
#BG882668W	Door Complete Barngard R88 2'6" x 6'8" Steel W/22" x 22"
#BG883068W	Door Complete Barngard R88 3'0" x 6'8" W/22" x 22" Lite
#BG884068	Door Complete Barngard R88 4'0" x 6'8"
#BG886068	Door Complete Barngard R88 Double Door 6'0" x 6'8"



**WARNING:**

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



**Barn Door**

Specialty door designed to handle the extreme conditions of the confinement buildings. Insulated foam core is framed with dimensional lumber and both sides covered with a aluminum skin laminated to 3/8" plywood. The edges are capped with a rugged PVC U-channel. Doors are pre-hung with (3) 8" strap hinges on to the 2' x 4' frame and fully weather-stripped. Door slab comes pre-drilled for installation of the Dura Latch.

**Now with stainless steel strap hinges.**

#2668LSS	30" Left barn door
#2668RSS	30" Right barn door
#3668LSS	36" Left barn door
#3668RSS	36" Right barn door
#MMS3668KI	Barn door trim kit
#1043	8" tee hinge w/ removable pin



**Tri-Ply**

#844190 ..... 52" x 600' roll



#12181661200

**Tri-Ply Strapping**

#12181661200 ..... 1/2" x .018" x 12000', green  
#844191 ..... 1/2" x .026" x 6600', white



**Tri-Ply Tape**

#844192 ..... 4" x 165' white  
#844193 ..... 4" x 165' black



**SS Staples**

• Box of 5000

#844194 ..... 1" crown x 1" leg





### Barn Door Trolley Parts

- #712100 ..... Round Rail Barn Door Track 12  
#712101 ... Wheel Kit for Round Rail Track (sold per pair)

#### ⚠ WARNING:

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### Barn Door Latch

Rugged, simple latching D-style door latch. Adjusts from 1/2" to 2" door slab. Galvanized steel construction with hardware. Great latch for any door or gate. Can be padlocked through handle. Weight: 1.2 lbs.

- #806221 ..... Whitcomb 1/2" to 2" door slab  
#20700027 ..... Latch 3/4" to 2-1/4" door slab

#### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



### Stainless Steel Door Latch

The only completely stainless steel barn latch complete with SS hardware. Spring loaded plunger style latch that installs easily to any style door or gate. Fits up to a 2" door slab. Weight: 2.5 lbs.

- #8000601501 ..... Stainless Steel Door Latch

#### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



### Tuff Latch

This massive built latch is the most dependable barn door latch on the market. Designed specifically for use in confinement buildings and recommended for use with our Barn Door. Electroplate finish that features 6x6 mounting plate and 3/8" thick striker arm. Includes mounting hardware and will fit up to 2" thick door slab. Weight: 6.5 lbs.

- #001760 ..... Tuff Latch

#### ⚠ WARNING:

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### Entry Door Locksets

- #80621 ..... Schlage keyed entry lock set  
#HE115956 ..... Steel Harbor Economy Grade Satin Nickel  
#HE803622 ... Kwikset Lockset Keyed Entry Satin Chrome  
#5805619 ..... Lock set, SS, 1/4" striker  
#HH80609 ..... Lock set, SS ANSI, grade 3

#### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



### Universal Door & Gate Latch

- #HE873013 Universal Door/Gate Latch ..... \$5.28

#### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



### Safety Gate Latch Hook

Heavy-duty, self-locking latch prevents livestock from opening doors and gates. 6" long. plated galvanized finish.

- #V2120 ..... Safety Gate Latch Hook

#### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



Jam Latch



Cam Latch

### Cam & Jam Latch

Dual purpose latch used to secure sliding doors. Durable galvanized finish with over-center cam style locking action.

- #P188000 ..... Cam & Jam Latch

#### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



### Replacement Knee Braces

- #8060100100 ..... 42" Knee Brace, Painted  
#8061110100 ..... 8" Support Bar, Painted  
#8060100200 ..... 42" Knee Brace, Galv.  
#8061110200 ..... 8" Support Bar, Galv.

#### ⚠ WARNING:

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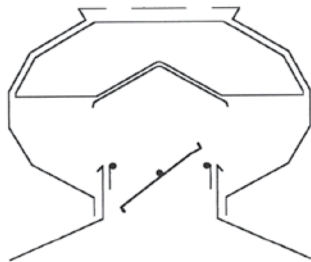
### High Profile Ridge Vents

Lock formed 26 ga steel in either white or galvanized finish. Bird screened with 1/2" galvanized hardware cloth. Stack height is 13-1/2" above ridge line. 9" throat allows 3 sq. ft. of free opening for the 4' and 7.5' for the 10' models.

- #K50300GALV ..... 4' high profile ridge vent, galv.
- #K50300P ..... 4' high profile ridge vent, white
- #RV-900 ..... 10' high profile ridge vent, galv.
- #RV-900W ..... 10' high profile ridge vent, white

**⚠ WARNING:**

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### High Profile Ridge Vents with Damper

Same basic construction as the high profile model with the addition of air flow regulating damper in the 9" throat. Use as exhaust vents on naturally ventilated buildings. Free opening is 3 sq ft. for the 4' model and 6 sq. ft. for the 8' model.

- #K50310-WH20 ..... 4' Ridge vent w/ damper
- #RV800D ..... 8' Ridge vent w/ damper

**⚠ WARNING:**

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### Low Profile Ridge Vents 10'

Fully hemmed and formed 26 ga. steel in either painted or galvanized finish. Only extends 3" above the ridge line. Features 3-3/4" nailing flange for an overall width of 16".

- #RV35 ..... 10' low profile ridge vent, galv
- #K50020-WH20 ... 10' low profile ridge vent, painted

**⚠ WARNING:**

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### Galvanized Ridge Vent

Pre-assembled 24" wide x 48" long ridge vent manufactured from G90, galvanized metal. Complete with 1" x 2" welded wire mesh inside to prevent birds from entering the attic.

- #844196 ..... Galvanized Ridge Vent

**⚠ WARNING:**

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### Poly Intake / Exhaust Vent

One-piece construction of rugged polyethylene with UV inhibitors, this ridge vent will not rust when used to exhaust warm, moist air in the confinement buildings. Stands 24" high, 36" wide and 48" long. Rated at 3000 cfm exhaust and includes bird screen.

- #SRV-3000 ..... Poly Ridge Vent



## Save on LP costs with TempShield!

Insulate your curtains and reduce heat loss! TempShield turns a regular vinyl curtain into an insulated curtain!

Item#	Layer Configuration	Roll Size	Usage Suggestions
#MWDBDF3X125	Foil-Bubble-Bubble-Foil	3'x125'	Curtain/Side wall
#MWDBDF3X200	Foil-Bubble-Bubble-Foil	3'x200'	Curtain/Side wall
#MWDBDF4X125	Foil-Bubble-Bubble-Foil	4'x125'	Curtain/Side wall
#MWDBDF4X200	Foil-Bubble-Bubble-Foil	4'x 200'	Curtain/Side wall
#MWDBDF5X125	Foil-Bubble-Bubble-Foil	5'x125'	Curtain/Side wall
#MWDBDF5X200	Foil-Bubble-Bubble-Foil	5'x200'	Curtain/Side wall
#MWDBDF6X125	Foil-Bubble-Bubble-Foil	6'x125'	Curtain/Side wall
#MWDBDF6X200	Foil-Bubble-Bubble-Foil	6'x200'	Curtain/Side wall
#MWDBDF8X125	Foil-Bubble-Bubble-Foil	8'x125'	Curtain/Side wall
#MWDBWF3x125	Foil-Bubble-Bubble-W poly	3'x125'	Curtain/Side wall
#MWDBWF3x200	Foil-Bubble-Bubble-W poly	3'x200'	Curtain/Side wall
#MWDBWF4x125	Foil-Bubble-Bubble-W poly	4'x125'	Curtain/Side wall
#MWDBWF4x200	Foil-Bubble-Bubble-W poly	4'x200'	Curtain/Side wall
#MWDBWF5x125	Foil-Bubble-Bubble-W poly	5'x125'	Curtain/Side wall
#MWDBWF5x200	Foil-Bubble-Bubble-W poly	5'x200'	Curtain/Side wall
#MWDBWF6X200	Foil-Bubble-Bubble-W poly	6'x200'	Cool Cell/Fan
#MWDBWF8x125	Foil-Bubble-Bubble-W poly	8'x125'	Curtain/Side wall
#MWSBDF6x125	Foil-Bubble-Foil	6'x125'	Curtain/Side wall
#MWSBDF7x125	Foil-Bubble-Foil	7'x125'	Curtain/Side wall
#MWSBDF7x200	Foil-Bubble-Foil	7'x200'	Curtain/Side wall
#MWSBWF6x125	Foil-Bubble-W Poly	6'x125'	Curtain/Side wall
#MWSBWF6x200	Foil-Bubble-W Poly	6'x200'	Curtain/Side wall



# Handi-Foam

## PROFESSIONAL POLYURETHANE FOAM SYSTEM SAVES ENERGY!

- Fills holes and blocks access of insects and rodents
- Bonds to wood, metal, concrete and is paintable
- Comes with 9' hose, 1/4" brass nozzle and wand
- Tack free in approximately 10 minutes
- Can be trimmed in 1 hour with a full cure in 24 hours



**Handi-Foam Tank with Gun**

#P11042 ..... Handi-Foam Tank w. Gun



**Dispensing Gun**

#F61055 ..... 7" Dispensing Gun



**Gun & Hose Kit**

#F62180 ..... Gun & Hose Kit only (no tank)



**Multi-Purpose Cleaner**

#P10083 ..... 12 oz. Cleaner



**Handi-Foam - Black**

#P30251 ..... 24 oz. can (no gun)

#P30295 ..... 29 oz. can (no gun)



**Handi-Foam with Straw**

#P30053 ..... 12 oz. can - black w/ straw



1.

2.

3.

### EnerFoam Professional Gun Foam System

- Replaces up to 40 quart tubes of traditional caulk or adhesive.
- Fast curing. Foam can be trimmed in less than one hour. Initial skin time is less than six minutes! Faster than any other foam
- Unique mechanical valve. Spring loaded for reuse. Won't glue shut after use.
- Contains no solvents. Compatible with EPS foamboard.

1) #KENER13 ..... Gun PRO13 for spray foam

2) #KDOW192268 ..... Cleaner for gun (KENER13)

3) #KENER43 ..... Foam spray black, 20 oz. bottle



**Great Stuff**

- Insulating foam sealant
- 12 oz can
- Includes straw dispenser
- Seals up to one-inch wide gaps

#77282 ..... 12 oz. can



**Touch N Foam Insulation**

- Triple expanding polyurethane foam
- Seals & insulates block and concrete
- For interior/exterior use

#292257 ..... 12 oz. can

#09223330 ..... 8 oz. can



# trusscore

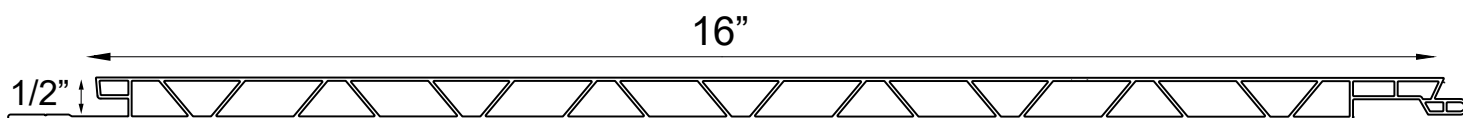
material + science

**TRUSSCORE is the easy to install wall and ceiling paneling that's transforming building practices across North America.**

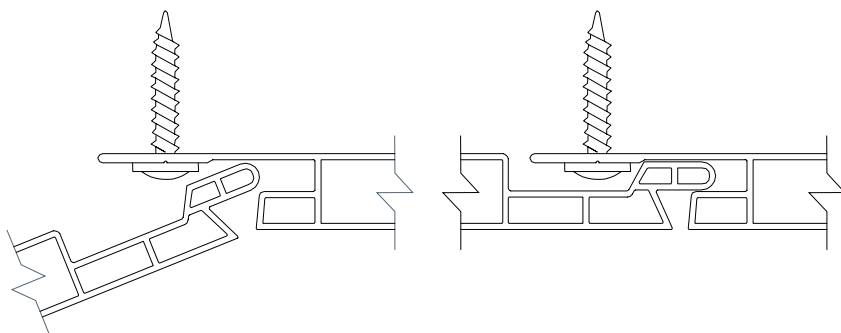
- Ideal replacement for conventional wall systems
- Cost effective compared to other materials
- Won't support bacterial growth
- Won't corrode and is resistant to most chemicals
- Inner truss design for rigidity and strength
- Lightweight, easy to transport
- High strength to weight ratio
- Supports attic insulation loads
- Bright clean appearance
- Virtually maintenance free – just wipe it clean
- Highly resistant to moisture and mold
- Class A Fire Rating – potential insurance savings
- Quick and easy to install
- Hidden fasteners provide smooth finish
- Pre-punched nailing flange



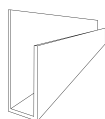
Item#	Description
HSTC-1610	Panel TRUSSCORE PVC Interlocking Liner 1/2" X 16" X 10'
HSTC-1612	Panel TRUSSCORE PVC Interlocking Liner 1/2" X 16" X 12'
HSTC-1616	Panel TRUSSCORE PVC Interlocking Liner 1/2" X 16" X 16'
HSTC-1620	Panel TRUSSCORE PVC Interlocking Liner 1/2" X 16" X 20'



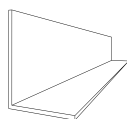
- Available in a width of 16" and 10', 12', 16' and 20'



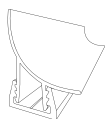
- Easy to install. Unique overlapping design hides fasteners for smooth finish.



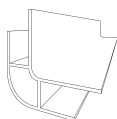
J-Trim  
1/2"



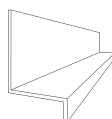
Outside  
Corner



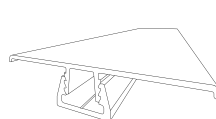
Inside Cove  
Corner  
Snap-In Kit



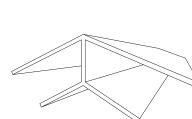
Outside  
Corner  
Rounded



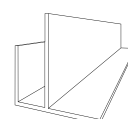
Base Trim



H Channel  
Snap-In Kit



45° H  
Channel



F Trim



### PPD Panel

- 4' x 8' x 3/8" thick Fir plywood
- .030 High Density Polyethylene sheet laminated one side
- Use in non-contact animal areas
- Wt. 38 lbs.

#84574 ..... 4' x 8' plywood w/ .030 HDPE



### FRP Panel

- 4' x 8' x 3/8" thick Fir plywood
- .050 textured fiberglass sheet laminated one side
- Use in animal contact area
- Wt. 41 lbs.

#84571 ..... 4' x 8' plywood w/ .050 FRP



### Extruded Plastic Sheets

High Density Polyethylene sheets are the perfect choice whenever smooth, slick surfaces are desired. Can be sawed and nailed like wood and are waterproof and chemical resistant. Use the 1/8" thickness over existing plywood surfaces. 1/4" thickness and above can fastened directly to stud walls.

#1038 ..... 4' x 8' x 1/8", 21 lbs  
 #1034 ..... 4' x 8' x 1/4", 42 lbs  
 #1035 ..... 4' x 10' x 1/4", 52 lbs  
 #1036 ..... 4' x 8' x 3/8", 62 lbs  
 #1037 ..... 4' x 8' x 1/2", 82 lbs

### Corrugated PVC Liner

Durable, strong PVC sheets are excellent choice for lining the interior of confinement structures. These rust proof sheets are able to span 4' centers and still support ceiling insulation. See special one-stepper screws for fastening (Item# 805171).



#HSCL-338146 ..... 38" x 146"  
 #HSCL-338196 ..... 38" x 196"  
 #HSCL-338244 ..... 38" x 244"



### Batten Strips

The most effective type of covering for sealing and preventing damage to the seams between wall panels. Animals can't work them loose and damage panels. Predrilled holes for easy installation.

#84588 ..... 8' x 1-3/4" aluminum



### Nylon Drive Rivet

For fastening interior wall panels. Priced each.

#84576 ..... 1/4" x 1-1/2"



### Ceramic Coated Construction Lags

- 5/16" x 3-1/2"
- Torx drive
- Grade 5

#6150 ..... Construction lags

### Stainless Steel Star Drive Screws

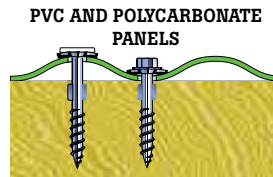
Flat head for flush finish. Use for fastening interior sheets. Priced each. Sold in 100 piece bags.

#1030-1 ..... #8 x 1-1/2"  
 #1031-1 ..... #10 x 2-1/2"  
 #1032-1 ..... #8 x 1-1/4"  
 #1033-1 ..... #9 x 2" Phillips Drive



#### WARNING:

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### PVC AND POLYCARBONATE PANELS

### "One-Stepper" Screws

Self tapping, hex head with washer screws feature "wings" that drill out a larger hole to allow for expansion. Preferred fastener for installing corrugated PVC sheeting. Priced each.

#805171 ..... #12 x 1-1/4" S.S.  
 #ONESTEPPERS ..... #12 x 1-3/4" Galv



#### WARNING:

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### Grip-Rite® PrimeGuard Coated Deck Screw

- Star T Drive
- Type 17 point
- Coarse thread
- Approx. pound/count shown

#805611 ..... #8 x 2" long, 1 lb. 126 ct  
 #805615 ..... #8 x 2" long, 5 lb. 630 ct  
 #805631 ..... #9 x 2-1/2" long, 1 lb. 87 ct  
 #805635 ..... #9 x 2-1/2" long, 5 lb. 435 ct  
 #805621 ..... #9 x 3" long, 1 lb. 73 ct  
 #805625 ..... #9 x 3" long, 5 lb. 365 ct  
 #805641 ..... #10 x 3-1/2" long, 1 lb. 56 ct  
 #805645 ..... #10 x 3-1/2" long, 5 lb. 280 ct  
 #805646 ..... #10 x 4" long, 5 lb. 250 ct

#### WARNING:

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### Metal Screws

#80501 ..... Galv. #9 x 1"  
 #80502 ..... Galv. #10 x 1-1/2"  
 #80503 ..... Galv. #9 x 2"  
 #80504 ..... White #9 x 1"  
 #80517 ..... White #9 x 1-1/2"  
 #MMS8210494 ..... White #10 x 2"

#### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

### Stainless Steel Ring Shank Nails

For fastening interior wall panels. 136 nails per pound. Sold as 1 lb. quantities.

#1004040 ..... 10 ga x 1-3/4" 304 SS



#### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## GE Silicone

Contractor grade silicone sealant offers excellent adhesion and durability for general purpose caulking applications. Stays flexible over a wide range of temperature extremes. For exterior and interior use to seal wall panels and exterior metal sheeting. Not recommended to paint. Applies white and dries clear.

#003030 ..... White, 10.1 oz. cartridges



## NP1

NP1 is a one-component flexible, polyurethane sealant for exterior and interior use. Can be used over a wide temperature range to seal cracks and seams. Can be used in high moisture areas. Available in white and gray.

#59500 ..... White, 10.1 oz. cartridges

#59500G ..... Gray, 10.1 oz. cartridges

#59500B ..... Black, 10 oz. cartridges



# Bolts

## Stainless Steel Hex Bolts

#60686	1/4" x 1" ss
#60619	1/4" x 1-1/2" ss
#606871	1/4" x 2" ss
#60506S	1/4" x 2-1/2" ss
#606191	1/4" x 3" ss
#605071S	1/4" x 3-1/2" ss
#605073S	1/4" x 4-1/2" ss
#605081	5/16" x 1/2" ss
#605082	5/16" x 3/4" ss
#605083	5/16" x 7/8" ss
#606872	5/16" x 1" ss
#605091	5/16" x 1-1/4" ss
#60510S	5/16" x 1-1/2" ss
#60511S	5/16" x 2" ss
#60512S	5/16" x 2-1/2" ss
#60513S	5/16" x 3" ss
#60523S	5/16" x 3-1/2" ss
#60689	5/16" x 4-1/2" ss
#605141	3/8" x 3/4" ss
#60617	3/8" x 1" ss
#605161	3/8" x 1-1/4" ss
#60610	3/8" x 1-1/2" ss
#60631	3/8" x 2" ss
#60519S	3/8" x 2-1/2" ss
#60633	3/8" x 3" ss
#606331	3/8" x 3-1/2" ss
#605212S	3/8" x 4-1/2" ss
#60534S	1/2" x 1" ss
#60536S	1/2" x 1-1/2" ss
#606874	1/2" x 2" ss
#60538S	1/2" x 2-1/2" ss
#60539S	1/2" x 3" ss
#60540S	1/2" x 3-1/2" ss
#60831	1/2" x 4-1/2" ss
#60828	1/2" x 5-1/2" ss

## Zinc Hex Bolts

#60502	1/4" x 1"
#60504	1/4" x 1-1/2"
#60505	1/4" x 2"
#60506	1/4" x 2-1/2"
#60507	1/4" x 3"
#60592	1/4" x 3-1/2"
#60594	1/4" x 4-1/2"
#605071	5/16" x 1/2"
#60508	5/16" x 3/4"
#60509	5/16" x 1"
#605092	5/16" x 1-1/4"
#60510	5/16" x 1-1/2"
#60511	5/16" x 2"
#60512	5/16" x 2-1/2"
#60513	5/16" x 3"
#60523	5/16" x 3-1/2"
#60562	5/16" x 4-1/2"
#60514	3/8" x 3/4"
#60515	3/8" x 1"
#60516	3/8" x 1-1/4"
#60517	3/8" x 1-1/2"
#60518	3/8" x 2"
#60519	3/8" x 2-1/2"
#60520	3/8" x 3"
#60521	3/8" x 3-1/2"
#60825	3/8" x 4-1/2"
#60534	1/2" x 1"
#60535	1/2" x 1-1/4"
#60536	1/2" x 1-1/2"
#60537	1/2" x 2"
#60538	1/2" x 2-1/2"
#60539	1/2" x 3"
#60540	1/2" x 3-1/2"
#60542	1/2" x 4-1/2"
#60550	1/2" x 5-1/2"



## S-Hooks

#60672 ..... S-Hook Small 1" x .105"

#60677 ..... S-Hook Medium 1-1/2" x .177"

#HSH044 ... S-Hook for Brooder 1-7/8" x .192" Uneven

#HSH045 ..... S-Hook Large 2-1/4" x .262"

### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## Stainless Steel Hex Nuts

#60602 ..... 1/4"

#60618 ..... 5/16"

#60606 ..... 3/8"

#606061 ..... 1/2"

## Zinc Hex Nuts

#60570 ..... 1/4"

#60571 ..... 5/16"

#60572 ..... 3/8"

#60574 ..... 1/2"

### WARNING:

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## Stainless Steel Lock Nuts

#60603 ..... 1/4"

#60692 ..... 5/16"

#60612 ..... 3/8"

#60693 ..... 1/2"

## Zinc Lock Nuts

#60680 ..... 1/4"

#60681 ..... 5/16"

#60682 ..... 3/8"

#60683 ..... 1/2"

### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## Stainless Steel Washers

#60579 ..... 1/4" - flat

#605791 ..... 1/4" SS fender washer

#60580 ..... 5/16" - flat

#60583 ..... 1/2" - flat

#60670 ..... 3/8" x 1-1/2" - flat fender-thick

#60581S ..... 3/8" x 1-1/2" - thin

#60581 ..... 3/8" - flat

### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## Stainless Steel Hinge

#10393 ..... 3" x 3" Stainless Steel Hinge

### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

**WARNING:** This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)





## Stainless Steel Wedge Anchors

#606552	1/4" x 1-3/4" ss
#606625	1/4" x 2-1/4" ss
#HSA-3823S	3/8" x 2-3/4" ss
#HSA-3830S	3/8" x 3" ss
#606556	3/8" x 5" ss
#HSA-1223S	1/2" x 2-3/4" ss
#606755	1/2" x 3-3/4" ss

## Galvanized Steel Wedge Anchors

#60719	3/8" x 2-1/4"
#HSA-3823	3/8" x 2-3/4"
#60722	3/8" x 3"
#60721	3/8" x 3-3/4"
#HSA-3850	3/8"-16 x 5"
#HSCPA-1223	1/2" x 2-3/4"
#90361	1/2" x 4-1/4"

### ⚠ WARNING:

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## Stainless Steel Lag Bolts

#607161	1/4" x 2"
#606873	5/16" x 2"
#606876	5/16" x 2-1/2"
#605131	5/16" x 3"
#605231	5/16" x 3-1/2"
#606431	3/8" x 2"
#605201	3/8" x 3"
#606441	3/8" x 3-1/2"

## Galvanized Lag Bolts

#606427	5/16" x 2"
#60643	3/8" x 2"
#60645	3/8" x 2-1/2"
#606436	3/8" x 3"
#60644	3/8" x 3-1/2"

### ⚠ WARNING:

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## Stainless Steel J-Bolts

#607112	3/8" x 2-3/4"
#607091	3/8" x 3-3/8"
#607092	3/8" x 3-1/2"
#60710	3/8" x 4-3/8"
#60711	3/8" x 5-3/4"
#60712	3/8" x 6-1/4"
#60714	3/8" x 6-3/4"
#607113	3/8" x 6-7/8" - square
#607114	3/8" x 6-1/4" - square

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## Latch Hook and Eye

#N226-381	6" long
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### ⚠ WARNING:

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## Cable Clamps Stainless Steel



#617321	1/8"
#617331	3/16"
#82975	1/4"
#6173561	5/16"
#61735	3/8"

## Cable Clamps Galvanized

#61732	1/8" - Hot Dipped
#61733	3/16" - Hot Dipped
#61734	1/4" - Hot Dipped
#617356	5/16" - Hot Dipped
#617351	3/8" - Hot Dipped

### ⚠ WARNING:

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## Galvanized U-Bolts

- Great for attaching pipes or tubes to gates or g-stalls



#60702	1" 1-3/8" x 5/16"
#60649	1" x 2-1/2" x 5/16"
#606501	2.73" x 3-1/2" x 5/16"
#60650	3" x 3-1/2" x 5/16"

### ⚠ WARNING:

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## Spring Snaps

#10385	5/16" Zinc
#10384	1/4" Zinc

### ⚠ WARNING:

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## Stainless Steel Quick Link

#597082	3/16"
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## Galvanized Quick Link

#59708	3/16"
#597081	5/16"
#597080	1/4"

### ⚠ WARNING:

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## Aluminum Turnbuckle

#59712	5/16" x 6" - Closed Length
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### ⚠ WARNING:

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## Galvanized & Stainless Steel Cup Hooks

#HSH070	5/16" x 3-1/2"
#606655	1/4" x 3-3/4" SS
#60665	1/4" x 3-1/2"

### ⚠ WARNING:

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## #2/0 Straight Link

- Use for hanging waterers

#60676	#2/0 Straight Link
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### ⚠ WARNING:

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## #1 Stainless Steel Chain

- For hanging feed systems
- 2' of length for every 4' auger length

#606733	#1 Stainless Steel Chain
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### ⚠ WARNING:

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## #2 Bowtie Weldless Chain



- Zinc
- Use for extra support for outside feed lines.

#60673	#2 Bowtie Weldless Chain
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### ⚠ WARNING:

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## #2/0 Bowtie Weldless Chain

- 100' only
- Zinc
- Use for hanging feed lines and high-pressure pipes

#60678	#2/0 Bowtie Weldless Chain
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### ⚠ WARNING:

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## K-Clamps

#HSH011	1/2"
#HSH012	3/4"
#HSH013	1"
#HSH015	2"
#HSH016	2-1/2"
#HSH017	3"

### ⚠ WARNING:

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# Vanberg Metal Repair & Protection Products

Don't wait until replacement is needed! Save time and money by repairing and protecting now!

## AMC-100L Aluminum Moisture Cure Urethane Coating

Easy to use single component coating to prepare and protect metal surfaces.

### ROOFS



Before



After

### BINS



Before



After

### ROOFS



Before



After

### AMC100L Aluminum Urethane Coating

This formula has been formulated to include 'Leafing' technology. This enables the urethane to bond better and it produces a tougher wearing 'metallic' coating. Coverage: 200-300 square per gallon at 2-5 mm thickness.

#AMC100L .....	1 qt.
#AMC100L-1 .....	1 gal
#AMC100L-5 .....	5 gal



### AMC-100L Repair Kit

Complete kit for exterior small repairs of bins and metal roofs. Typical coverage: 50 sq. ft.

#### Kit Includes:

- 1-Qt AMC-100L-Q
- 1 Pint RUST CONVERTER
- 4 Pieces SEAM TAPE
- 1 BRUSH

#AMC100L-K .....	AMC-100 Repair Kit
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### VSC Rust Converter

Stops rust in its tracks preventing further corrosion and rusting on metal surfaces. A must before applying coatings. When applied, it chemically converts rust to a stable black compound.

#RC900.....	1 qt. (12/cs)
#RC900-1 .....	1 gal. (4/cs)
#RC900-S .....	20 oz. spray can (12/cs)



### VSC Seam Tape

Contouring, self-adhesive and high strength seam tape great for repairing holes, loose screw heads, splits and seam separations. Stops leaks as well. Excellent structural strength, superior adhesion and accepts VSC solvent based coatings.

#RC800-2 .....	2" x 50' roll
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# 4 STEPS TO SUCCESSFUL METAL COATINGS

Successful repair and protection is a result of attention to proper preparation techniques and the use of quality products designed to achieve long-lasting performance.



## Step 1: Remove Loose Rust

Remove loose rust by pressure washing, scraper or brush.



## Step 3: Patch

Holes, splits, seams and joints are covered with VSC SEAM TAPE, designed specifically for all weather conditions and are compatible with VSC coatings.



## Step 2: Convert Rust

Although abrasive blasting and mechanical rust removal are great methods, they are not always feasible. Experience shows that the treatment of rust is best achieved by VSC RUST CONVERTER.



## Step 4: Corrosion Resistance Coating

Apply the selected VSC coating to protect metal from corrosive compounds and weather.

### Measure Containers

Measuring containers for proportioning mixes.



#TS1QM..... 1 qt  
#TS5QM..... 5 qt

### Pails & Lids

5 gal. pail used to mix and store materials. Spouted or plain lids available



#TS305..... 1 Pail  
#TS305L..... 1 Plain Lid  
#TS305PL..... 1 Spouted Pour Lid

### 1'-3' Pole Set

3 pieces assemble to 36" pole. Economy. Thread tip fits all roller frames.

#TSF0007-3..... 1'-3' pole set

**WARNING:**  
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### 9-inch Roller Cover

#TSR204-9..... 9", 1/2" nap

### 4-inch Roller Cover

#TSR204-4..... 4-inch, 1/2" nap

### 9-inch Roller Tray

Plastic tray resists solvents.

#TSR404..... 9-inch roller tray

### 9" Heavy Duty Frame

Fits threaded tip pole.

#TSF0010-9..... 9-inch HD frame

### 4" Heavy Duty Frame

Fits threaded tip pole.

#TSF0010-4..... 4-inch HD frame

### 3" Cut-In Brush

#TSF5117-3..... 3" cut-in brush

**WARNING:**  
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**WARNING:**  
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### Elcometer® Concrete Crack Width Ruler

A quick and easy reference tool to measure crack width and length in concrete or other building materials.

#E143..... Elcometer® Concrete Crack Width Ruler



### EPO-SET 400

Repair loose anchors in concrete without removing the stud. Simply apply EPO-SET 400 around the loose anchor and in 10 minutes anchor is set with full strength in two hours. Single tube with dual internal chambers allow EPO-SET 400 to be applied with a standard caulk gun. 9 oz. cartridge comes with one disposable mixing tip; additional tips should be ordered if entire tube content will not be applied in a single use. Application temperature 40° - 90°.

#72400..... EPO-400 Kit w/ mixing tube  
#72400-T..... EPO-400 mixing tube



Set Bolts

Crack Repair

**See It In Action!**  
YouTube: EPO-SET 400



# Vanberg Concrete Repair & Protection Products



**Typical Coverage at 1/4" (55 lb. bag)**

- 25 sq. ft. unextended
- 1 cu. ft. mixed 1:1 with gravel (grouting over 1 inch )



## Common Uses:

- Slats
- Troughs
- Floor overlays
- Feed Platforms
- Re-set penning
- Walls



## 'FAST' Trough Repair

Use CON-KORITE™ to restore troughs and stall pads — "Even during production"



## Feeder Pad Repair



#KB0060



#KB0061



#KB0100 (Kit)



#KB0061

## Con-Korite™ Xtra Mortar

Pure cement formula far outlasts common Portland products! CON-KORITE develops 3,000 psi compressive strength in one hour and nearly 10,000 psi in 28 days. It has exceptional abrasion resistance making it the longest lasting and most cost-effective option for severely worn (any thickness greater than 1/4 inch) slats and floors. It is preferred by producers for repair of broken slat edges and to restore corroded slats... even down to the rebar. Being a concentrate, CON-KORITE can be extended with aggregate up to 1:1 (or use GROUT) to grout deep holes and make repairs in medium duty areas such as troughs and rough pen floors (2 parts mortar to 1 part sand). Order separately for larger jobs.

#KB0060 .....	CON-KORITE™ 55 lb. bag
#KB0061 .....	CON-KORITE™ 55 lb. pail
#KB0060B .....	3,000 lb. bulk bag
#KB0100 .....	60 lb. Kit: 55 lb. bag Mortar, 2-qts. KB25, 1-Set Control



**Rough Floors Leveled Fast!**

## Con-Korite™ SSL

New self-leveling Con-Korite formulation provides easier application on uneven surfaces. Simply pour on repair area and spread, spike roll to finish. Kit includes bag of mortar and 1 gal of KB25. Excellent resistance to wear and corrosion. Approx. coverage 20 sq. at 1/4" thickness.

#KB0040 .....	Con-Korite SSL kit
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## KB25 Acrylic Resin

Can be used for enhanced bond and resistance to absorption. KB25 is ideal for wet environments. General Use: 1 part KB25 to 2 parts water (1 gallon KB25 for 3 - 55lb. bags or pails of mortar).

#KB0026 .....	1 gal. jug
#KB0027 .....	5 gal. pail



## ARMOR-STONE™ Epoxy Mortar

Many finishing sites have very high levels of corrosive compounds formed from pit gases, water types and feed additives. Over time even CON-KORITE™ can be affected. ARMOR-STONE™ has been shown to be unaffected by these corrosive compounds. A unique blend of ARMORCOAT epoxy and a special blend of aggregates that form a tough wearing and chemical resistant repair.

#AC3800-AS .....	Armor-Stone™ 3800 Kit
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**Economy + Performance!**

## ECO-CRETE Slat Patch

### Eco-Crete Slat Patch

A Hog Slat exclusive from Vanberg Coatings! Eco-Crete is the choice for routine repairs on slats and other concrete surfaces. Ready to use, just add water, place on damaged areas and it's set in just 2-3 hours. Features a high cure strength of 7,600 PSI. For interior and exterior use.

#KB0051 .....	Eco-Crete 50 lb. pail
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## Armor-Rock™ 3800 Epoxy Overlay

A new formulation that is harder and more chemical resistant to withstand the most rigorous conditions.

Sooner or later slats and pads around feeders and mats are attacked by aggressive chemicals forming from pit gases, animal wastes and feed stuffs. ARMOR-ROCK™ is a well proven system to restore sightly worn concrete or protect "new" surfaces. VSC ARMORCOAT™ epoxy is combined with VSC aggregates to form an extremely tough-wearing and chemical-resistant non-slip overlay. Since 1989 producers have found the ARMOR-ROCK™ SYSTEM to be the most permanent solution. Wastes flow off the slats removing the corrosive compounds that erode the surface.



**AC 3800 LIQUIDS KIT IN A BOX/ AGGREGATES\* IN A PAIL**  
(\*Includes AR ADMIX and VSC MEDIUM G-DIAMOND)

#AC3800-AR .....Armor-Rock™ 3800 Kit



**BEFORE**



**AFTER**

It's a simple process too...



**Mix 1.5 gal ARMORCOAT**



**add ADMIX**



**Pour on surface**



**SAND BROADCAST**

Repair cracks permanently!



**Cracked Slats**



**ARMOR-ROCK poured**



**Cracks repaired**

# Download our FREE eBook

*The Field Guide to Slat Repair and Replacement*

Search in your browser for:  
**Slat Replacement -Hog Slat**



## Components

#AC3800 ....ARMORCOAT 3800 - Highest Chemical & Wear Resistance, (1.4 Gal.)  
#520B-32..... ARMOR-ROCK ADMIX (32 lb. bag)  
#82900-35N .....G-Diamond Aggregate 35 lb. Bag  
#150415..... 3 qt. Plastic Scoop (for dispensing Armor-Rock on Slats)

## Concrete Clean & Etch

Aggressive Formula cleans and etches concrete floors to create a "hold tight" textured surface improving adhesive qualities of sealers and coatings. Removes laitance from new concrete and neutralizes alkali and soap residue. Dissolves scale and lime deposits from pipes and equipment. COVERAGE: 150 sq. ft./gallon. Concentrated for economy. Safer than muriatic acid



#VP-151-1 ..... 1 gal  
#VP-151-5 ..... 5 gal

## Portable Pail Mixer

Portable, fixed angle pail mixer for easy, thorough, consistent blending of mortars and epoxies. Durable, all-steel construction and professional grade, electric motor sustain high performance, continuous operation.



#TSKM5825 .....Unit w/prop for Epoxy mortars  
#TSKR .....Standard Prop Replacement  
#TSKMR1 .....CON-KORITE™ paddle

## 4" Prop Mixer

Heavy duty, but economical prop designed for thorough mixing of epoxies, urethanes and mortars. Use with 1/2", variable speed, electric drill.



#TS46565 ..... Prop Mixer

## Solvent 101

This multi-purpose thinner and clean-up solvent for epoxies. SOLVENT 101 (1 Gal) can be shipped via UPS.



#VPC-101-1 ..... 1 gal. (4/CS)  
#VPC-101-5 ..... 5 gal



#DI78PRLD72SV1



#DI78PRLEDV1



# ROTEM

## RLD-7.2digital / RLD-14digital

The RLD-7.2 is Rotem's two-channel digital light dimmer. This powerful dimmer can be directly controlled by your poultry house controller through either its analog output (0-10 volt) or through its communication line. The RLD-7.2 is designed to be easy, safe and comfortable for installation, maintenance and service. The RLD-7.2 manual control enables setup of maximum light intensity, setup of time for gradual change in light intensity from zero to the preset maximum and also automatic shut down timer. The farmer can turn on the light which will gradually go to its preset maximum intensity, perform his mission and continue to his next challenge. The light will shut down gradually after preset amount of time.

### Features:

- Two independent channels
- Heavy duty 40 Ampere TRIAC for each channel
- 7,200 Watts (115 Volt), 14,400 Watts (230 Volt), 50/60 Hz
- Stable operation in low brightness (voltage)
- Manual / Off / Auto mode for each channel
- Settings are saved automatically
- Settings are recovered after power failure
- Rugged terminals for the power cables
- Simple key hole mounting
- Water tight seals for cable entry

#DI78PRLD72SV1.....Rotem Digital Light Dimmer and Card, for 110V

#DI78PRLD72V1.....Rotem Digital Light Dimmer only

#DI78PRLEDV1.....Rotem LED Dimmer

#PLS-7200



#PLS-MR4-PTC-LED



## The Performer MR

### Digital Poultry House Dimmers

- Keypad adjusts light level more accurately than rotary dial
- Independent control of two separate circuits
- Full timer function with manual override
- LED models have four unique programmable settings to adapt to multiple types of LEDs.
- Digital display
- 120 V, 60 Hz

#PLS-7200.....PLS-7200 7200 Watt (not for use with LED bulbs)

#PLS-MR4-M-LED.....Manual Dimmer for LED bulbs PLS-2400

#PLS-MR4-PTC-LED.....Auto Dimmer for LED Bulbs With Auto Controller PLS-2400



## Precision's 2K Green Reverse Phase/Trailing Edge Dimmer

2000 watt reverse phase light dimmer. This technology offers advantages over Triac or SCR dimmers including soft start, increased noise immunity, and increased bulb life. Tested with many types of bulbs including: CFL, CCF, LED, and Incandescent.

#2KGREEN.....Precision 2K Green Reverse Phase/Trailing Edge Dimmer

## Propagator 3 Sodium Vapor Light Fixture

Includes:  
150 watt bulb  
16 ga. aluminum body  
Non-dimmable



#520541.....1.5 amp

#52054.....3.5 amp

## High Pressure Sodium Light

- 1.5 Amp
- 150 Watt
- 5" Reflector



#M4-150W-HPF-5.....High Pressure Sodium Light



#52062.....150 Watt Sodium Vapor Bulb



#HPSSOCKET-S.....Replacement socket



#520542.....Ballast - 1.5 Amp 150 Watt



#520543.....Capacitor - 1.5 150 Watt







### ONCE® Swine Lighting

The AgriShift® MLM-S is a durable and efficient swine lighting solutions designed to evenly distribute light for both the herd and humans caring for them. The red spectrum used makes it easy to provide daylight simulation for improved productivity.

#### Features:

- Highly efficient fixture suitable for modern swine facilities
- Species-specific spectral output featuring Dim-to-Calm™ technology
- Fully dims\* to red, which swine perceive as darkness
- Can act as a "service light" when fully dimmed
- Durable Built For Your Barn® design
- Luminous Flux – 1040 lm
- Equals 75W Incandescent
- 200° Beam Angle



- #OIMLM-SSWR-JB..... 10-watt w/ Junction box adaptor
- #OIMLM-SSWR-JJ..... 10-watt w/ Jelly jar adaptor



### ONCE® Broiler, Pullet and Turkey Lighting

The AgriShift® MLM-B has an optimized color spectrum with full dimming capability, meeting the birds' developmental needs at every stage of growth. It is designed with Dim-to-Blue® technology to enhance animal welfare, better flock performance and improve feed conversion rates.

#### Features:

- Enhanced blue/green spectrum
- Fully dims to provide natural daylight simulation\*
- Luminous Flux – 1382 lm
- Equals 60W Incandescent
- 200° Beam Angle



- #OIMLM-FSWB-JB..... 10-watt w/ Junction box adaptor
- #OIMLM-FSWB-EB..... 10-watt w/ edison base
- #OIMLL-FSWR-HW..... 12-watt w/ hard wire adaptor



### ONCE® Agrishift Dimmer Control

The AgriShift® Master Controller and Slave Dimmer provide full potential to any ONCE® lighting fixture. They offer smooth dimming solutions that can easily be controlled manually with the front panel controls or remotely with a 0-10VDC control signal.

- #OI30-014-00178..... Master Controller 120V
- #OI30-014-00189..... Slave Dimmer 120V
- #OI30-014-00180..... Master Controller 240V

## Issues with Poultry House LED Lamps and Light Dimmers

### Summary of Mississippi State University Extension publication, 3510 (POD-08-20)

Poultry growers have seen remarkable energy savings from transitioning from incandescent to LED lamps. However, recently there have been an increasing number of issues with erratic dimming, excessive lumen depreciation, and premature lamp failures. Evidence points to an incompatibility between LED lamps and the light dimmer as the main cause of these issues.

**Reports from both the lab and the field tend to indicate that leading-edge dimmer technology and modern LED lamp technology are simply not compatible.**

Leading-edge dimming technology tends to produce current spikes that are detrimental to LED chips in the lamps. The damage to LED chips caused by these current spikes appears to be cumulative over time and is irreversible. It will eventually lead to accelerated lumen depreciation, strange and erratic dimming problems, and premature lamp failures. Leading-edge dimmers are, by far, the most common light dimmers in poultry houses today. However, trailing-edge dimmers are much more compatible with today's LED technology. We will continue to follow this situation.

**However, it may be that poultry growers should consider switching to trailing-edge dimmer technology to alleviate incompatibility issues between LED lamps and leading-edge dimmers.**

No grower wants to spend money needlessly, but neither do they want to deal with continuing dimming issues, excessive lumen depreciation, and premature bulb failures if a trailing-edge dimmer will stop the problem.



Incandescent (left) and LED lamps center, with globe removed, and right).

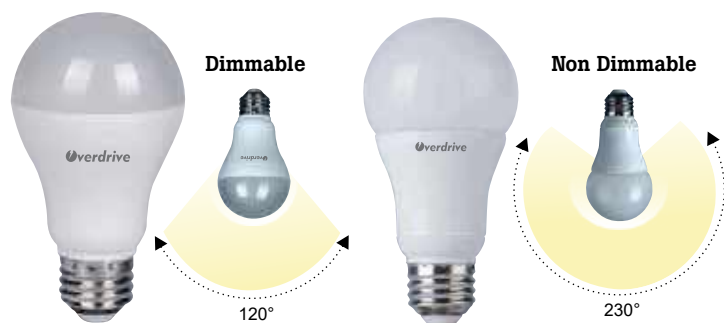


LED lamp with globe removed to show LED chips.



For the full article, go to <http://extension.msstate.edu/publications/issues-poultry-house-led-lamps-and-light-dimmers>

# Overdrive® Lighting Systems



6W A19 Overdrive	Equal to =	10W Household OMNI
6W	Lamp Wattage	9.5W
545	Lamp Rated Lumen	800
100%	% Light on floor (est.)	65%
545	Effective Lumen on Floor	520
\$16	Energy Cost over 25,000 hr.	\$26
\$10	Saving in Energy Cost over Life	-

## Overdrive LED Bulbs Dimmable & Non Dimmable

- Lamp Type: LED A19 Bulb-Diffused Cover
- E26 (Medium Base)
- A19 Shape
- Lamp Wattage: 6W  
(60W Incandescent Replacement, based on floor lux)
- LED Type: 10 nos. x 0.45W - SMD (LM80)
- Reliable Operating Temperature: -40 F to 1130 F
- Color Temperature: 3000K or 5000K
- Specifically engineered for harsh agricultural environments.
- Rated for agricultural use not just residential like many other LED bulbs.



731, 732, OD733 and 734 feature a Wet Location Gasket

Item#	Watt	Kelvin	Lumens	Dimmable
#731	6	3000	480	Yes
#732	6	5000	530	Yes
#793	9.5	5000	900	No
#792	9.5	2700	810	No
#OD733	10	3000	950	Yes
#734	10	5000	1050	Yes
#665	20	5000	2700	No
#699	11.5	5000	1100	Yes
#698	15	5000	1600	Yes

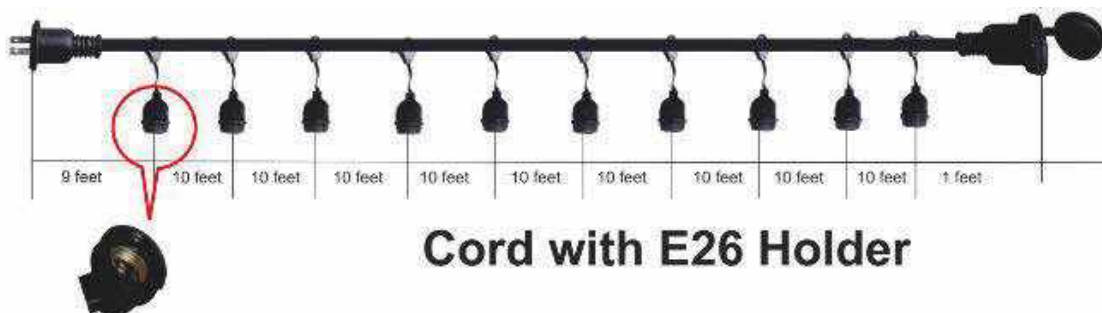
## Overdrive 'Dimmer + Controller'

Overdrive Dimmer Controller with MOSFET control provides the finest dimming requirements for low light levels and strong lamp re-ignition. Dual Output channels can run independent lighting schedules which can illuminate or dim two lighting zones simultaneously. It's not only a dimmer but a controller also. For optimum performance and long life, use this dimmer controller with Overdrive dimmable Lamps.

- Dual Output zones can run independent lighting schedules;
- 3 Programs - Master, Manual, Slave mode for quick and easy programming
- Programmable Master mode for unmanned control
- Manual Mode with Keypad control
- Slave mode with 0-10V DC analog voltage control
- Supports memory function
- Supports ISP function and Comply with EU-BUS protocol
- Integrated 1.3" OLED Display
- Fully integrated digital control system for Precise and consistent dimming
- 4kV Surge Protection, Over Voltage Protection, Short Circuit Protection
- Replaceable output Fuses
- MOSFET Control reduces dimmer power loss and runs cooler
- Reverse phase trailing edge dimmer.



#ODMR0210.....10 amp/ 2 channel 1200W per channel



## Cord with E26 Holder

## Overdrive Lighting Cord Sets

- Offering the flexibility of relocating the lights to obtain better production numbers
- Nickel Plated Sockets provide resistance to corrosion
- 10 Feet Spacing between sockets for effective light distribution
- Water proof connector provided at both ends.

- Specially designed E26 Sockets to provide water resistance and additional safety
- Standard Lighting Cord of 100 feet with expandable water proof connector
- Heavy duty 14 AWG wire for minimum voltage drop over extended length usage
- 4 inch -Suspended E26 sockets to keep the lamp straight during usage

#252..... 100' Cord with E26 Holder



# COMPLETE END TO END LIGHTING SYSTEM



## LifeLamp™ LED BULBS

- Designed to withstand confinement house environments with silicon seal between body and lens cover
- Features Lexan polycarbonate plastic to resist cracking or shattering
- Will dim to 2% with LifeLamp dimmer
- Wide light beam spread

Item#	Watt	Kelvin	Lumens	Dimmable
#DLS16-5WBB27	16.5	2700	1600	Yes
#DLS16-5WBB50	16.5	5000	1900	Yes
#DLS16WBB27	16	2700	1600	Yes
#DLS16WBB50	16	5000	1900	Yes
#DLS9WBB27	9	2700	840	Yes
#DLS9WBB50	9	5000	900	Yes



## LifeLamp™ HIGH OUTPUT LED LAMPS

- Use for turkeys, breeders and brooders
- 270° broad beam angle
- Direct replacement for HPS lighting and high watt CFL (Ballast must be bypassed)
- Aluminum die cast body

Item#	Watt	Kelvin	Lumens	Dimmable
#HPS40W27K	40	2700	6000	No
#HSPS40W50K	40	5000	6000	No



#LLNA1050



#LLNACAP10

## LifeLamp™ LightLines

LifeLamp™ Light Lines to retrofit poultry houses for LED bulbs.



LightLines waterproof, dust-proof connectors ensure long term reliability in the toughest environments.



Sockets built with tin plated copper sockets for superior conductivity and corrosion resistance.

#LLNA1050	50' long/ 10' centers/ 5 sockets
#LLNA2080	80' long/ 20' centers/ 4 sockets
#LLNACAP10	End cap
#LLNAPC10	Power connector for 50' line
#LLNAPC20	Power connector for 80' line



## LifeLamp™ Dimmer

- 3 modes of operation including manual control, slave control from central controller, programmable timing
- Precise, consistent, incremental dimming down to 1%
- Operates seamlessly between 110VAC and 240VAC
- Customizable Housewalk feature for seamless interruption of programming for mid-flock maintenance

#LDIM ..... LifeLamp™ Dimmer



#101245000



### Compact Fluorescent Bulbs

Item#	Type	Watt	Kelvin	Lumens
#101245000	CFL	23	5000	1525
#399205	CFL	40	2700	2700
#399403	CFL	55	2700	3700



### Greenlite Shatterproof LED Bulbs

- Up to 25,000 hour lamp life
- Shatterproof Globe
- Damp Location Approved
- Specifically engineered for harsh agricultural environments.
- Rated for agricultural use not just residential like many other bulbs.



Item#	Watt	Kelvin	Lumens	Dimmable
#44415-4PK	6	3000	480	(4 Pack) Yes
#48684	6	5000	600	Yes
#48406	9	5000	800	Yes
#GL60138	9	3000	NA	No
#36259	12	5000	1200	No
#48844	15	5000	1600	Yes
#48586	22	5000	2550	Yes



**AG LIGHTING**  
INNOVATIONS

### AG 25 LED Fixture

The AG 25 is more than a bulb, it's a lighting fixture. A great choice for retrofits because it eliminates the need for jelly jars and keyless fixtures.

- Brighter with 2165 Lumens - more light less fixtures
- More uniformity with 30-foot layout
- 5-Year full replacement warranty
- Waterproof I-65 rating
- 25 Watt
- Dimmable



#ALI01	3000K
#ALI02	5000K



### Orion LED Apollo® Circline Ag

Hardwired fixture includes (2) wire nuts, (2) lock nuts, driver plate and mounting plate bracket.

- 29 Watt
- 120 Volt
- 5,000 Kelvin
- Acrylic lens
- Polycarbonate flat base



#OWLEDHW5K.....LED Light

### Photocell Dusk-to-Dawn Outdoor Light

Replacement photocell for outdoor dusk-to-dawn lights



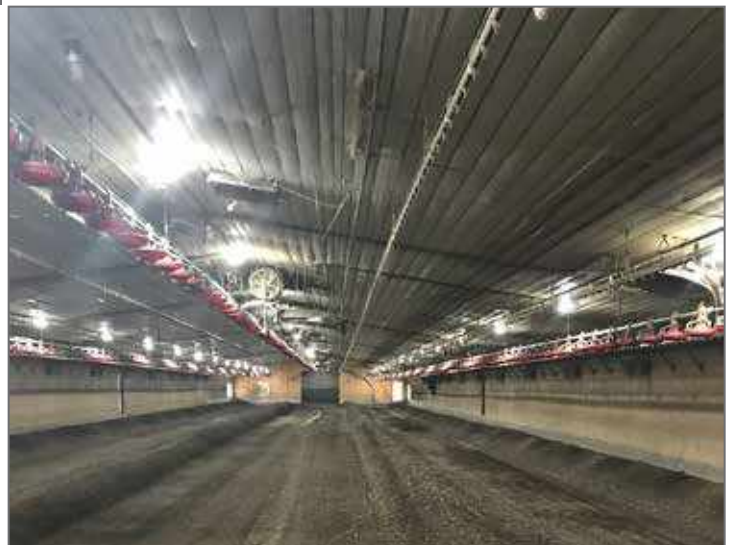
#DDL7790BSS.....Photocell

### Dusk-to-Dawn LED Security Light

Constructed with a die-cast aluminum housing and vandal-resistant polycarbonate refractor. Mounts with integral three-hole flange on housing or included 900 extension arm. 120-277 Volt, 50 watt input power with 120V photocell included.



#DDLED50W.....Dusk-to-Dawn LED Security Light





## Porcelain & Plastic Keyless Sockets

Nickel-plated brass screw shell keyless sockets are recommended for dimmable fluorescents to decrease failure rates and improve dimming performance.

#HE612405.....	Porcelain Socket w/ 6" lead
#EPC16510.....	Phenolic Plastic Socket w/ Nickel-Plated Brass Screwshell, no lead
#EPC16500.....	Porcelain Socket w/ Nickel-Plated Brass Screwshell, no lead
#EPC16524.....	Phenolic Plastic Socket w/ Nickel-Plated Brass Screwshell, 7" lead
#EPC16520.....	Porcelain Socket w/ Nickel-Plated Brass Screwshell, 7" lead



## Scepter Light Base

One piece fixture base constructed of glass reinforced polyester resin. Accepts 3/4" conduit. Porcelain socket with brass insert resists heat buildup. Rated for Maximum 150 watt. 12.8 oz. Ideal for use in the harshest environment. Waterproof.

#10120.....	Scepter
#72231.....	Replacement porcelain socket



## Light Base & Light Mount Base

- Rated at 150 Watt
- Ceiling mount base only
- Threaded
- 8 oz.

#1) #FE1059.....	Base for light, rated at 150-Watt
#2) #88092.....	1/2" Ceiling mount - threaded
#10185.....	3/4" Ceiling mount - threaded
#88056.....	Light base w/ glass globe
#880561.....	Light base w/ 7" plastic globe

## Glass Globes

Glass light globe for use with incandescent bulbs up to 100 watt. The outside diameter of the jar mouth is 3.25" and the total height is 6.75".

#88057.....	Glass Globes
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## Overdrive LED Jelly Jar Retrofit Fixture

14 watt 5,000K LED light bulb with a specially designed fixture that replaces standard jar and bulb combinations. Pre-wired, E26 base screws into existing bulb socket and the body screws into most existing jelly jar fixtures. 1,400 Lumens.

#652.....	LED Jelly Jar Retrofit Fixture
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## Plastic Globes

- More durable
- Waterproof
- Protects lamp against breakage
- For use with up to 60-watt incandescent bulb

#HSLC825.....	8-1/4" long
#HSLC700.....	7" long



## Vapor Tight Ceiling Fixture

- Mounts to 3/4" or 1/2" conduit
- Flanged screw mounts for easy installation/removal
- Cast aluminum housing with clear glass globe
- UL/CUL Listed for wet locations
- 120V 150 watt max
- Dimensions: 9"L x 4.5"W x 4.5"H
- Color: Gray

#NSIVTB15012.....	Vapor tight ceiling fixture
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#612445

#EPC16022



## Attach-On Sockets

#612445.....	Attach-On Standard Socket brass contact
#EPC16022.....	Attach-On Standard Socket nickel contact



## Switch Covers

#FE59143.....	single gang toggle
#E9G2SSN.....	double gang toggle

#5266X

#5466X

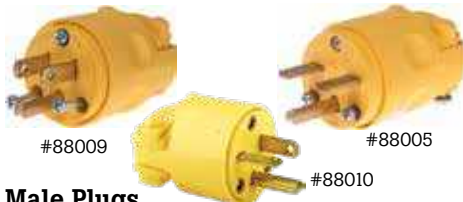
### Straight Blade Plugs

#5266X.....Plug 2-pole 125 Volt, 15 Amp 5-15P

#5466X.....Plug 2-pole 250 Volt, 20 Amp 6-20P

#### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



### Male Plugs

#88009.....15-Amp, 120-Volt

#88005.....15-Amp, 220-Volt

#88010.....20-Amp, 250-Volt

#### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



### Female Plugs

#88040.....15-Amp, 120-Volt

#88041.....20-Amp, 240-Volt

#### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



#HSEL100106

#880425



#HSEL100125

#HSEL100123

### Male Plug Twist & Lock

#L615-P.....15-amp, 250V

#L620-P.....20-amp, 250V

#L14-20P.....20-amp, 125/250V

#L630-P.....30-amp, 250V

#### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

### Female Plug Twist & Lock

#L615-C.....15-amp, 250V

#L620-C.....20-amp, 250V

#L630-C.....30-amp, 125/250V

#L630-C-30A.....30-amp, 250V

#### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

### Wall Receptacles

#HSEL100106.....Duplex, 15-Amp, 120-Volt

#HSEL100135.....Crowfoot, 50-Amp, 125/250-Volt, black

#HSEL100125.....Straight blade, 20-Amp, 250-Volt, 6-20R

#HSEL100123.....Twist Lock, single, 15-Amp, 220-Volt

#### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



### 1 Gang Duplex Cover

#S1962.....weatherproof vertical/horizontal mount



### 1 Gang Blank Cover

#8802083.....weatherproof w/ 4 SS screws



### Switches

#HSEL100022.....Single Pole, 20-Amp, 120-Volt

#HSEL100002.....Single Pole, 15-Amp

#HSEL100024.....Double Pole, 15-Amp

#HSEL100029.....Double Pole, 20-Amp

#HSEL100006.....3-way, 15-Amp, 120-Volt, ivory

#### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



### 1 Gang Vertical Receptacle Box Cover

#HSEL100234.....weatherproof, 50-Amp

#S1961.....weatherproof, 15-Amp



### 1 Gang Horizontal Duplex Box Cover

#E98DHGN-CAR.....weatherproof



### In Use Weatherproof Receptacle Clear Cover

• Accepts single/double gang

#WP3100C.....GFI, Toggle switch



### Duplex/Toggle Switch Box Cover

• 1 gang  
• Weatherproof

#E9G2DSN-CAR.....vertical mount, gray





#57135-000

#59135-020

## Proximity Switch

- for Brock Scale

#59135-020..... Proximity switch (shown)

#57135-000..... Magnetic Switch Actuator  
for weigh scales (no wires)



## Snap Action Switch

- for Chore-Time

#EL1056.....Chore-Time linear lift switch



## Unimax Switch

- AA-421 with roller

#EL0995.....Chore-Time fill system control switch



## Micro Switch

- Tall button

#EL0996..... Chore-Time hopper switch for C2912



## Micro Switch

- for Chore-Time & Cumberland Control Pans

#EL0997..... Micro Switch



## 15 Amp Switch

- Harkins Hopper Control Switch

#EL0998..... Micro Switch



## Push Switch

- Cumberland GFLX-3802 hopper switch

#EL0999..... SPDT manual/automatic



## Limit Switch

- 2 per machine needed

#EL1059..... AT Newell curtain machine switch



## Whisker Switch

- for Spinks & Roxell switch applications

#IS005150 ..... Complete switch



## Paddle Switch

- for G07051400 hopper control

#EL1142..... Paddle Switch



## Switch

- Feed Control Pan, Hopper & Fill Control Switch
- Replaces switches: C46678, 6X289, GC2200025

#EL1052 ..... 20-Amp (Long Lever)

#EL1052M..... 20-Amp (Short Lever)



## Micro Switch

- for AP Drop Tube Switch

#EL1052AP ..... AP OEM# S-8297



## Flex Flow Safety Limit Switch

#GS-7707 ..... Safety Limit Switch



## Micro Switch

#EL1141 ..... 2 Terminal Micro Switch



## Micro Switch

#EL1067 ..... for Cumberland Plunger Control Pans



### Universal 8-Pin Relays

#5X848..... DPDT, 8 Pins, 240 VAC  
#5X847..... DPDT, 8 Pins, 120 VAC



### Relay

#3X742..... 11-Pin Octal 3PDT 120 VAC coil 10-Amp



### Relay

#EL1008..... 25-Amp 240 V DPST 6-screw terminals  
#2XC20..... 25-Amp 120 V DPST 6-screw terminals  
#2XC19..... Magnet Blowout DPST 6-Pin 24 VAC



### Relay

#EL1015..... Plug In DPDT 3-Wire 120 VAC  
#EL1066..... Plug In DPDT 3-Wire 240 VAC



### Relay

#EL1014..... DPST 120 V  
#EL1070..... DPDT 240 V



### Relay

#EL1010..... Coil 120 V DPST 25-Amp  
Double Pole Normally Open 6 Spade  
#EL1054..... Coil 240 V DPST 25-Amp  
Double Pole Normally Open 6 Spade



### Relay

#EL1013..... 3PDT Cube 120 VAC



### Omron Relays

#EL1084..... SPST 240 V w/ Test Button  
#EL934..... Power Relay SPST 120 V 4 Pin  
#EL935..... Power Relay SPST 24 V 4 Pin



### Omron Relay

#EL1060..... 240 V 14-pin Chore-Time Rooster Winch



### Relay

#3X740..... 12-Amp 8 Pin 240 V  
#5X827..... Octal Base 12A, 120 VAC Coil, DPDT 8-pin



### Relay Base

#59092..... 51x00120 8-pin  
#59094..... 6x156 11-pin



### Relay

#EL1246..... DPDT 120 VAC



### Relay Plug

#EL1009..... Relay plug DPST 240 V Coil



### Contactor

#DP30C2P-1..... 2-Pole 30-Amp 120 V Chint Brand  
#DP30C2P-2..... 2-Pole 30-Amp 240 V Chint Brand



### Contactor

#5330102..... 3-Pole 40-Amp 120 V Chint Brand  
#5330104..... 3-Pole 40-Amp 240 V Chint Brand



### Micro Switch

- for timer GAP-0990

#EL1040 .....AP OEM# 1740



### Micro Switch

- for Chore-Time

#EL1052M .....OEM# 46091



### Relay

- for AP/Chore-Time

#EL1008 .....Relay for proxy switch



### Toggle Switch

- SPST Carling

#EL1000 ..... 10-Amp, 250 V 3/4 Hp



### Toggle Switch

- 3 prong SPDT w/Ctr Pos

#EL1001 ..... 10 Amp, 250 V 3/4 Hp K1406



### Toggle Switch

- 3 prong SPDT

#EL1002 ..... 10-Amp, 250 V 3/4 Hp



### Toggle Switch

- 3 prong SPDT Tab w/screw

#EL1003 ..... 10 Amp, 250 V 3/4 Hp



### Toggle Switch

- 4 prong DPST

#EL1004 ..... 10-Amp, 250 V 3/4 Hp



### Toggle Switch

- 6 prong DPDT w/Ctr off

#EL1005 ..... 10 Amp, 250 V 3/4 Hp



### Toggle Switch

- 6 prong DPDT

#EL1006 ..... 10-Amp, 250 V 3/4 Hp



### Toggle Switch

- TPDT

#EL1007 ..... 10-Amp, 250 V 3/4 Hp



### Toggle Switch

- 4-prong DPST

#EL1011 ..... 20 Amp, 250 V 1-1/2 Hp





### Contactors

• Square D

- #5B111 ..... 2-Pole 40-Amp 208/240 V
- #5B112 ..... 2-Pole 40-Amp 120 V Coil
- #5B103 ..... 2-Pole 50-Amp 24 V Coil



### Contactors

• Square D

- #5KAK3 ... 3-Pole 30-Amp Resistive Full Load 40 Amp
- #5KAK0 ..... 3 Pole 30 Amp 120VAC Open



### Contactors

• Square D

- #5B130 ..... 1-Pole 25-Amp 120 V



### Contactors

• Square D

- #5B131 ..... 2-Pole 20-Amp 24 VAC
- #5330105 ..... 2-Pole 30-Amp 24 V



### Contactors

• Square D

- #5330106 ..... 4-Pole 25-Amp 120 VAC



### Fuses

- #EL1027 ..... 5-Amp Slo Blo fuse, 5-Pk
- #EL1030 ..... 10-Amp Slo Blo fuse, 5-Pk
- #EL1031 ..... 15-Amp Slo Blo fuse, 5-Pk
- #EL1048 ..... 10-Amp Fuse
- #EL1051 ..... 1-Amp Fuse, 5-Pk



### Single Gang Rectangular Non-Metallic Box

- #SES077291 ... 3" x 1" dbl. access, 3/4", 1/2" adapters
- #10186 ..... 3" x 1" single access, 3/4", 1/2" adapters



### Junction Box

- #CARLNE989R ..... 12" x 12" x 6", lid, gasket
- #CARLNE989UUN ..... 12" x 12" x 4", lid, gasket
- #CARLNE989N ..... 8" x 8" x 4", lid, gasket
- #E989NNJ ... 4" x 4" x 2" Non-metallic, lid, gasket



### Reducing Bushing

- #10192 ..... 3/4" x 1/2" SCH 40



### Male Terminal Adapter

- #10196 ..... 3/4" rigid non-metallic conduit
- #E943D ..... 1/2" rigid non-metallic conduit



### Female Adapter

- #CARLNE942D ..... 1/2" SCH 40 Non-metallic\*
  - #10195 ..... 3/4" rigid non-metallic
- \*Also serves as a 3/4 slip to 1/2 female thread reducing bushing



### Conduit Fitting Locknuts

- #88024 ..... Steel, 3/4"
- #88025 ..... Steel, 1/2"



### T Style Conduit Body

- Non-metallic
- Rigid

#T07 ..... 3/4", Type T  
#101902 ..... 1/2", Type T



### LB Style Conduit Body

- Non-metallic
- Rigid

#E986E ..... 3/4", Type LB  
#E986D ..... 1/2", Type LB



### Type C Conduit Body

- Non-metallic
- Rigid

#101901 ..... 1/2", Type C  
#E987E ..... 3/4", Type C



### Bell End Conduit

- Non-metallic
- Rigid

#HSEL200002 ..... 3/4" conduit w/bell end  
#HSEL200001 ..... 1/2" conduit w/bell end



### 45° Elbow

- Non-metallic
- Rigid

#UA7AD ..... 1/2" x 450 SCH 40 standard  
#UA7AE ..... 3/4" x 450 SCH 40 standard



### 90° Elbow

- Non-metallic
- Rigid

#HSEL200026 ..... 1/2" x 900 SCH 40 standard  
#HSEL200027 ..... 3/4" x 900 SCH 40 standard



### Access Pull Elbow

#E990DR ..... 1/2" non-metallic  
#E990ER ..... 3/4" non-metallic



### Rigid Conduit Coupling

#880237 ..... 3/4" rigid non-metallic  
#88026 ..... 1/2" rigid non-metallic



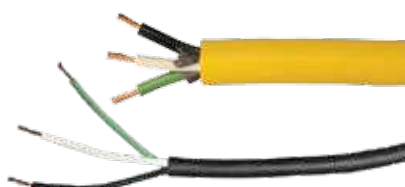
### End Caps

#10194 ..... 3/4" cap non-metallic  
#CARLNE958D ..... 1/2" cap non-metallic



### Controller & Alarm Sensor Wire

#HS2427 ..... Yellow 18/2 (per ft)  
#55065 ..... Gray 18/2 (per ft)  
#57572902 ..... 18/3 (per ft)  
#184SC ..... 18/4 (1000' rolls)



### 14/3 Cord

- Sold per foot or bulk 250' rolls

#88031 ..... Bulk Cord 14/3 Black  
#KT143COR ..... Bulk Cord 14/3 Yellow



### Cable

#88033 ..... Rubber coated, 4-wire, 16-gauge



#61646 #LPCG507 #PWPCGPG12NTB

### Liquid Tight Cord Connector

#61646... 1/2" conduit, SO cord size 1/4" to 1/2", black  
#LPCG507 ... 1/2" conduit, SO cord size 3/8" to 3/4" away  
#PWPCGPG12NTB ..... Cable Gland 1/2" black



### Cord Sets

#HSCS-002 ..... 9', 240 V, 14/3  
#88088 ..... 12', 120 V, 14/3  
#HSCS-001 ..... Flush control, 110 Volt, 9', 14/3

#FC ..... 9', 220V, Standard Plug, 16/3  
#143CS6-15P-12 ..... 12', 220 V, 14/3  
#EL1037 ..... 21", 240 V, w/ s-hook & terminals



## Terminals

- Insulated

#EL1044 ..... 250" x .032" 16/14 gauge Blue  
#EL1045 ..... 250" x .032" 16/14 gauge Blue Flag

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## Terminals

- Insulated

#EL1047 ..... #10 16/14-gauge Blue Ring  
#EL1046 ..... 250" x .032" 16/14-gauge Blue Piggy Back

### ⚠ WARNING:

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## Breaker Circuits

- Square D

#Q0215 ..... 2-Pole 15-Amp QO Type  
#Q0220 ..... 2-Pole 20-Amp QO Type  
#Q0115 ..... 1-Pole 15-Amp QO Type  
#Q0120 ..... 1-Pole 20-Amp QO Type



## Breaker Panel

#Q0140M200RB ..... w/main breaker 200-Amp

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## Main Breaker Load Center

- Square D

#Q0120M100RB ..... 100-Amp, 20-space 240/110 V

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## Clic Clamp Pipe Hanger

Nylon hangers for easy hanging and spacing of wires, pipes, cable and tubing. Attach to walls or ceilings and push piping into the jaws until the "click" noise indicates a secure closure. Clic clamps also release easily so they can be reused if needed.

#FC20 ..... 1/2"  
#FC25 ..... 3/4"  
#FC26 ..... 1"  
#FC47 ..... 1-1/2"  
#FC59 ..... 2"



## Galvanized 1-Hole Pipe Straps

#60395 ..... 1/2"  
#HSH030 ..... 3/4"

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## PVC Coated 2-Hole Pipe Straps

Corrosion resistant fasteners in a wide array of sizes to hang sensors and electrical wire, PVC and metal pipe, and large tubing.

Item#	Nominal Pipe Size	Strap Inside Diameter
#6012801	3/8"	.675"
#6012802	1/2"	.840"
#6012803	3/4"	1.050"
#6012804	1"	1.315"
#6012805	1-1/4"	1.660"
#6012806	1-1/2"	1.900"
#6012807	2"	2.375"
#6012808	2-1/2"	2.875"
#6012809	3"	3.500"
#6012810	4"	4.5"

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## Wire Connectors

- Package of 25

#WNB25 ..... Blue, twist-on size 22-14  
#WNR25 ..... Red, twist-on size 18-8  
#WNY25 ..... Yellow, twist-on size 18-10  
#WNO25 ..... Orange, twist-on size 22-14



## Galvanized 2-Hole Pipe Straps

#60137 ..... 1/2"  
#HSH028 ..... 3/4"  
#HSH029 ..... 1"

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## Electrical Tape

#88048 ..... 3/4" x 60' 7 Mil

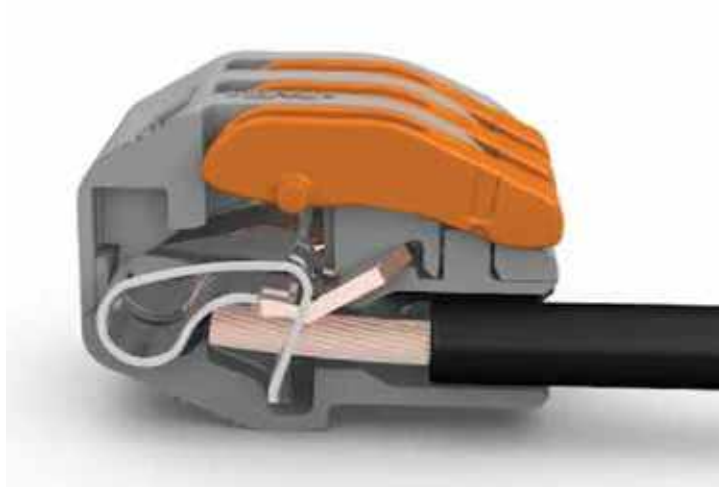


## Cable Ties

Sold in bags of 100

#HE461713 ..... 4" UV black  
#305133640 ..... 8" UV black  
#HE461763 ..... 12" UV black  
#FP99050001 ..... 7-1/2" natural





### WAGO® Compact Wire Splicing Connectors

WAGO® compact splicing connectors make quick work of terminating and connection wire leads. Lever operated connectors provide neat, secure splicing results. Easily join different sizes of wire.

**Rated Voltage** ..... 400 V  
**Nominal Current** ..... 32 A  
**Max Temperature** ..... 185° F (85° C)  
**Min-Max Wire Size**  
**(Solid, Stranded, Fine-Stranded)**..... 28-12 AWG

Dimensions	2 Wire	3 Wire
Length	0.81"	0.81"
Width	0.49"	0.67"
Height	0.571"	0.571"
UL Listed	486C	

#WAGO222-412 ..... 2 port  
#WAGO222-413 ..... 3 port

### Breaker Spot Temperature Indicators

(Note: Breaker Spot indicators cannot be shipped UPS during summer months because indicators may accidentally activate if they get too hot during shipping.)

#### OMBE-130F

The OMBE-130F activates once the breaker reaches 130° which is the temperature most agree is when a breaker reaches critical levels that cause it to overload or trip. Small enough to fit on almost any breaker. Sold in packs of 30.

#OMBE-130F ..... 5/16" Dia 130° (30/pk)



#### OMTL-5

The OMTL-5 is designed to be used on main (or larger) breakers to show you when a breaker is gradually getting too hot to give you a larger window to allow you more time to address a potential issue. Indication begins at 105° and goes up in 5° increments to 130° F. Sold in packs of 10.

#OMTL-5 ..... Main Breaker Multi Temp Indicator 105°-130°, (10/pk)



#### OMTL-C-130

The OMTL-C-130 is another option for main breaker (or larger) applications where higher temperatures may be tolerated. 4 levels of temperature indication starting at 130° increasing every 10° to 160° F. 9/16" in diameter, sold 10 per pack.

#OMTL-C-130 ..... High Temp Multi Level Indicator 130°-160° (10/pk)



#### Thermax

1/2" x 1/2" self-adhesive labels rated at 140° apply directly to breakers. The changes are irreversible, providing a temperature history of the surface being monitored. The labels will not de-laminate when removed for reference. Card of 50.

#HSEL400140 ..... Thermax



## Ditek Surge Protectors

We now stock a complete line of Ditek surge suppression to help protect the expensive and delicate electrical equipment on your farm with AFFORDABLE surge protection options at multiple areas where surges can occur.

#DTK-120/240HD2 ..... Surge Protector DITEK for ATS/Generator  
#DTK-120HW ..... Surge Protector DITEK for controllers 120 V only (AVG)  
#DTK-120SR ..... Surge Protector DITEK for controllers 120 V only (best)  
#DTK-240HW ..... Surge Protector DITEK for controllers 240 V only  
#DTK-2MHTP ..... Surge Protector DITEK telephone module replacement for PWB  
#DTK-2MHTPWB ..... Surge Protector DITEK telephone w/hardwired base (best)  
#DTK-4LVTEP ..... Surge Protector DITEK telephone hardwired 4 pair (basic)  
#DTK-MRJ31XSCPWP ..... Surge Protector DITEK plug-in jack telephone  
#DTK-MRJ45C5E ..... Surge Protector DITEK ethernet RJ45 CAT5e plug in  
#DTK-Z50-HD ..... Surge Protector DITEK for main panel box (best)  
#DTK-120/240CM+ ..... Surge Protector /Arrestor for Panel Box or Pumps & Motors



## **Load Chutes**

### Stationary Loading Chutes

#8600000100	20' load chute, all wood, outside walk board
#8600000103	20' load chute, corrugated metal sides, outside walk board
#8608111100	20' load chute, no cover, inside walkway
#8608181100	20' load chute, with cover, inside walkway
#8600010100	28' load chute, all wood, outside walk board
#8600010103	28' load chute, corrugated metal sides, outside walk board
#8600010111	28' load chute, corrugated metal sides, composite floor, outside walk board
#8608131100	28' load chute, no cover, inside walkway
#8608191100	28' load chute, with cover, inside walkway

### Portable Loading Chutes

#8608361100	20' load chute, portable, no cover, manual winch, inside walkway
#8608371100	20' load chute, portable, with cover, manual winch, inside walkway
#8608381100	20' load chute, portable, with cover, t-end, manual winch, inside walkway
#8609861100	28' load chute, portable, with cover, t-end, manual winch, inside walkway
#8608391100	28' load chute, portable, with cover, manual winch, all wood, inside walk, inside walkway



## **Lift and Winch Kit**

#8601990100	Ground Lift I-Beam Unit (No Winch Package)
#8601980001	Manual Winch Package
#8607000000	Electric Winch Package

#### ⚠️ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

#### ⚠️ WARNING:

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**Up to 3X faster than manual winches!**



Fits 1/2" drill



Fits over base of the winch handle

### Speed Crank

The Speed Crank increases the speed of operating manual winches while eliminating the work and strain. The overall length is eight-inches with a 1/2" shaft. Center opening fits over a one-inch nut handle.

#HS802	Speed Crank
--------	-------------



#### ⚠️ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



**NEW**  
Generation

# Easiest way to safely remove an 800 lb. sow

**Faster and variable speed device**

Thousands of satisfied customers around the world since 2003



Articulated  
available



Power switch and battery  
level Indicator. Twist grip  
throttle.



180° Pivotal Mast



Flat Proof Tires



Industrial Heavy-Duty Winch



*Designed by Pig Breeders for Breeders*

#HSVX200S..... Hercules Arm 200 Var Speed, Non-Articulated w/ Footboard

#HSVA200S..... Hercules Arm 200 Var Speed, Articulated w/ Footboard



**Battery Charger**

#HSSEE0000001X..... 24-volt



**Power Cord**

• for external battery charger

#HSSEX0000007X..... Power Cord



**Battery**

• DCS-50u, 50-amp

#HSSEB0000002A..... for JR

#HSSEB0000001P..... for SR



**Winch Button Switch**

#HSSES00000019P..... UP/ DOWN Button



**"UP" Button Switch**

#HSSES1000001P... UP green button switch for SR/JR



**"DOWN" Button Switch**

#HSSES2000001P .... DOWN yellow button switch for SR/JR



**Variable Switch**

#HSSES0000002P .... Variable Speed Control Switch



**ON/OFF Switch**

#HSSES00000018P..... KEY switch On-OFF



**Motor**

#CRHUME200S..... Universal motor and gear kit



## 12" Gel Filled Wheel

#HSSAW0000013A..... for SR



### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## Telescoping Rod & Pipe Assembly

#HSHSACX0004..... for JR & SR

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## Winch Nylon Rope

#HSSAX0000041N..... Nylon Rope



## Sow Carcass Cart

Large 900 lb. capacity for moving sow and larger animals. 900 lb. winch with 3/16" galvanized cable. 18-1/2" wide x 78" tall with tire height of 13".

#8330211100..... Sow Carcass Cart

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Caster Wheel Frame

#HSHSASX0009..... for Articulating Models

#HSHIASX0002..... for Non-articulating Models

HSHSASX0009

HSHIASX0002



### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## Acme Ratchet

#HSSAX0000001A..... for JR & SR

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



HSHSASX0006

HSHSASX0038

## Axle

#HSHSASX0006..... Drive Axle

#HSHSASX0038..... Drive axle for HS20VX2 only

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## Four-Wheel Carcass Cart

Make dead removal safer and easier with this four-wheel carcass cart. Features include two-speed hand winch with 25-feet of galvanized cable, pneumatic two-ply tires and casters, solid rod frame, and reclining bed.

### Specifications:

Height: 76"  
Width: 20"  
Length: 40"  
Weight: 215 pounds  
Capacity: 600 pounds

#RWDCII..... Four-Wheel Carcass Cart

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## 10" Gel Filled Wheel

#HSSAW0000010A..... for JR/SR

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## Winch SS Cable

#HSSAX0000040S..... SS Cable

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## Electrical module

#HSHIASX0002..... for variable speed only

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## Carcass Cart with Sheet Metal Sides

Solid sides aid in winching hogs into place and the deep V-shaped trough keeps them there while moving. Straight pull winch eliminates extra pulleys. 13" tires roll over floor obstructions and maneuver into tight spots. 900 lb. winch with 3/16" galvanized cable. 600 lb. capacity.

#8330221100... Carcass Cart w/sheet metal sides

#8330231100..... w/clutch winch

## Replacement Parts for Carcass Carts

#HSH067..... 1200 lb winch, black epoxy finish

#8331810000..... 3/16" x 15' galv. cable

#8331350000..... 13" Wheel

#26129..... 5/8" Wheel bearing

#DL5163050..... 800 lb. clutch winch

### ⚠ WARNING:

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## Dead Sled

Low profile carcass cart reduces back strain when removing animals from trucks or pens. No winches or cables to maintain! Deep V-trough holds animals in place while allowing you to load and pull from either end. Sled measures 38" long x 33" wide and constructed of 16-ga. metal side with solid rod bumpers. Features eight-4" dia. wheels spaced to provide support for a load capacity of 600 lbs. Ships UPS.



#HSDS-1000 ..... Dead Sled

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## Hog Pullers

• Two rugged designs capable of pulling dead hogs

#8050221100 ..... Hog Puller, T-style, 1 chain

#8050231100 ..... Hog Puller, 2 chain

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## WayPig® 300

- 300-lb. capacity
- Steel construction
- Green epoxy finish
- Overall: 55" H x 56" L x 21" W (with wheels: 21" L)
- Inside of Box: 31" H x 49" L x 15" W
- Shipping Weight: 188 lbs.
- 10-inch wheels (optional)

#79300 ..... Market hog scale w/ wheel & handle kit

#79306 ..... Wheel and handle kit

#79301 ..... Scale head replacement

#AH300 ..... Stationary market hog scale

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## WayPig® 500 Market Hog Scale

- 500-lb. capacity
- Durable steel construction with green epoxy finish
- Large, stainless steel scale head is accurate and easy to read
- (Outside) 61-1/4"H x 52-1/4"L x 27"W (30"W w/ optional wheel kit installed)
- (Inside Scale) 41"H x 48"L x 20"W

#79304 ..... 500-lb market hog scale w/ wheel & handle kit

#79305 ..... Optional wheel and handle kit

#AH500-46 ..... Scale head replacement

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## WayPig® Litter Scale

- 200-lb. capacity
- Steel construction
- Green epoxy finish
- Overall: 51" H x 37" L x 21-1/2" W
- Inside of Box: 21" H x 32" L x 19-1/2" W
- Shipping Weight: 109 lbs.
- 6-inch wheels

#79302 ..... WayPig litter scale

#79308 ..... Scale head replacement

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## WayPig® 13 Digital Market Hog Scale

- 49" Inside length
- 15" Inside width

#79300DIG ..... Digital market scale

#AH1422 ..... Optional wheel kit sold separately

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## Aluminum Sorting Panels

Single (34" high)

#8077040900.....	2' Panel
#8077120900.....	30" Panel
#8077020900.....	3' Panel
#8077060900.....	4' Panel
#8077000900.....	5' Panel
#8077080900.....	6' Panel
#8077090900.....	8' Panel
#8077100900.....	10' Panel

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## Aluminum Sorting Panels

Double (34" high)

#8077050900.....	2' panel- spans 4'
#8077130900.....	2'6" panel - spans 5'
#8077030900.....	3' Panel - spans 6'
#8077070900.....	4' Panel - spans 8'
#8077010900.....	5' Panel - spans 10'
#8077110900.....	6' panel - spans 12'
#10062H.....	Aluminum replacement hinge

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## Double Poly Sorting Panel

Rugged polyethylene with 20" painted hinge. Double 36" expands to 6'0", Double 48" covers 8'0".

#HS800-36D.....	30" x Dbl 36"
#HS800-48D.....	30" x Dbl 48"



## Poly Sorting Panel

Lightweight, durable polyethylene panel with multiple molded hand holds. Smooth rounded construction with no sharp edges.

#HS800-18.....	30" x 18"
#HS800-36.....	30" x 36"
#HS800-48.....	30" x 48"



## Show Sorting Panel

Special show version of polyethylene sorting panels. Same lightweight construction but now in stylish pink for the arena.

#1006381.....	30" tall x 18" long
#1006382.....	30" tall x 36" long



## Load Out Door Guard

Protect load out doors from damage with this 28" reversible door guard. 19" solid attachment tube fits between wall bracket clips and fastens with a 1/2" gate rod. Easily cleaned and moved from barn to barn during load out.

#8050510100.....	Load Out Door Guard
------------------	---------------------





## Hog Slat Rattle Jug

Convenient to use blue jug with beads inside creates rattling noise to help make moving and loading livestock easier.

- High-density polyethylene construction
- Cup Dimensions - 7"W x 6"D x 8" H

#HS801 ..... Hog Slat Rattle Jug



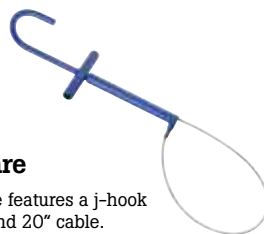
## Hog Slat Pig Snare

The Hog Slat® pig snare features a j-hook shaped handle, t-bar and 20" cable.

#HS799 ..... Hog Slat Pig Snare

### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## Shorty Snare

#K07000 .....soft grip, 18" long

### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## Pig Holders

- With cable grip and quick release latch

#TA819 ..... 23" long with green handle

#D-212 ..... 35" long with red handle

### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## RazzCan

Shaking the RazzCan creates a rattling noise to help move pigs when loading and unloading from barns and trailers.

#RAZZ001 ..... 3.5" x 3.5" x 4.75"

### WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## Hog Flapper

The Hog Flapper is an effective alternative for the humane movement of animals. This one-piece sorting baton uses four flexible flappers to create a loud "CRACK" when struck against solid object. Molded of durable bright orange poly.

#9021 .....Hog Flapper, 19-1/2" long



## Hog Paddle Stick

- 48" rigid shaft
- Plastic paddle with noise rattles

#KRP47C .....Hog Paddle Stick

## Rigid Shaft Paddle Stick

- 48" rigid shaft
- Plastic paddle with noise rattles

#50079R .....Rigid shaft sorter paddle stick

## Flex Shaft Paddle Stick

- 48" flex shaft
- Plastic paddle with noise rattles

#50079F .....Flex shaft sorter paddle stick



# Blitz Captive Bolt Stunner

An affordable answer to safe, humane dispatching of animals. These German-made instruments feature a nickel-plated exterior and heavy-duty components.

Powered by 9-mm cartridges, these captive bolt stunners deliver a powerful and effective shot.

**Gun not sold separately, packaged as a complete kit only.**



Length	Diameter	Bolt Diameter	Bolt Penetration
13"	1.5"	15/32"	2-1/4"

**WARNING:** This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Blitz-LO

Special non-penetrating stunner used to dispatch smaller animals under 40 pounds including small pigs and turkeys. Packaged as a complete kit with one box (50) of low power green blanks.

#BL35-418 ..... Blitz-LO



## Cleaning Kit

Blitz gun cleaning kit includes handle and two brushes.

#BL35-314 ..... Cleaning Kit



## 9mm Blank Cartridges

- 50 per container

#BL35-302 .....Low - Green

#BL35-305 .....Medium - Yellow

#BL35-301 .....Strong - Blue

#BL35-304 .....Power - Red



## Blitz Complete Kit

- Durable plastic storage case
- BLITZ captive bolt stunner
- Container of (50) 9mm blank cartridges (red or blue)
- Set of cleaning brushes & cleaning fluid

#BL35-320 .....Blitz Complete Kit



## Replacement Spring & Buffer Kit

- We suggest replacing these items after using 150 rounds

#BL05-117 ..... Spring & Buffer kit



### WARNING:

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## Choose a Better Prod!

### Durable

Hearing that a truck ran over his SHARPSHOCK and it still worked left us skeptical. We tested it - and it's true!

### Flexible

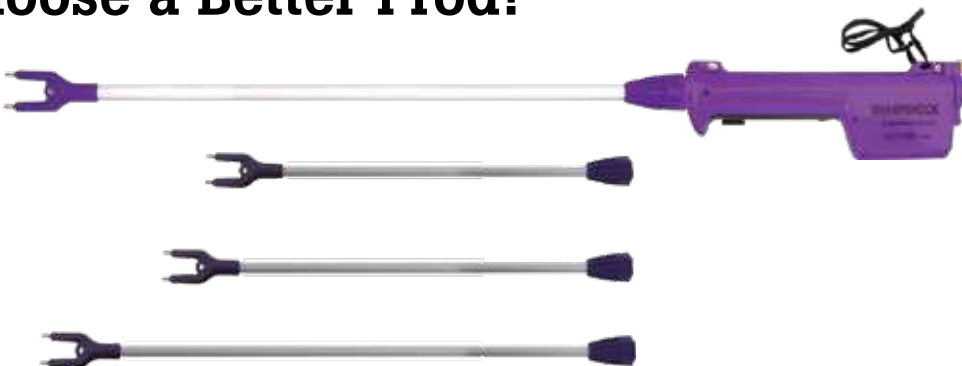
SHARPSHOCK shafts are so flexible they can be bent up to 270°!

### Economical

SHARPSHOCK prods use only 4 C batteries instead of 6 making them cheaper to run.

### Waterproof

SHARPSHOCK motors and handles are sealed with resin making them completely waterproof.



#SS30-167.....	28" Long Flex Shaft	#SS30-161.....	Standard Handle (batteries included)
#SS30-168.....	33" Long Flex Shaft	#SS30-140.....	Replacement C Batteries
#SS30-169.....	43" Long Flex Shaft	#SS30-163.....	Rechargeable Handle (battery pack and 120V wall charger included)
#SS30-197.....	28" Long Rigid Shaft	#BL00-163.....	Replacement Battery Pack
#SS30-198.....	33" Long Rigid Shaft	#SS30-164.....	Handle (Includes battery tube & charger)
#SS30-199.....	43" Long Rigid Shaft	#SS30-185.....	Rechargeable battery tube

## Hot-Shot DuraProd

Incorporating the latest technologies available, the DuraProd™ delivers consistent, superior performance in a new ergonomic design. Benefits include:

- Durability - sealed circuit ensures unit will work in all conditions
- Reliability - tested using six proprietary measures to ensure consistent performance
- Safety - new patent-pending Circuit Isolation Technology reduces feedback shock during use
- User Comfort - new handle design featuring rubber overmolded grip, oversized trigger & hand guard



DuraProd Motor  
Handle Unit Only  
#50463



DuraProd Rechargeable  
Battery Pack  
#50464



DuraProd Charger  
w/110V Wall Adaptor  
#50465



DuraProd  
Rechargeable Kit  
#50467

#50461.....	Battery Handle Unit Only	#50464.....	Rechargeable Battery Pack
#50462.....	Rechargeable Handle Unit Only	#50465.....	Base Charger w/ 110V Wall Adaptor
#50463.....	Motor Handle Unit Only	#50467.....	Rechargeable Kit w/Battery Pack, Charger Base, 12V/110V adapters



#MMCHU2S



#MMCHU2HS



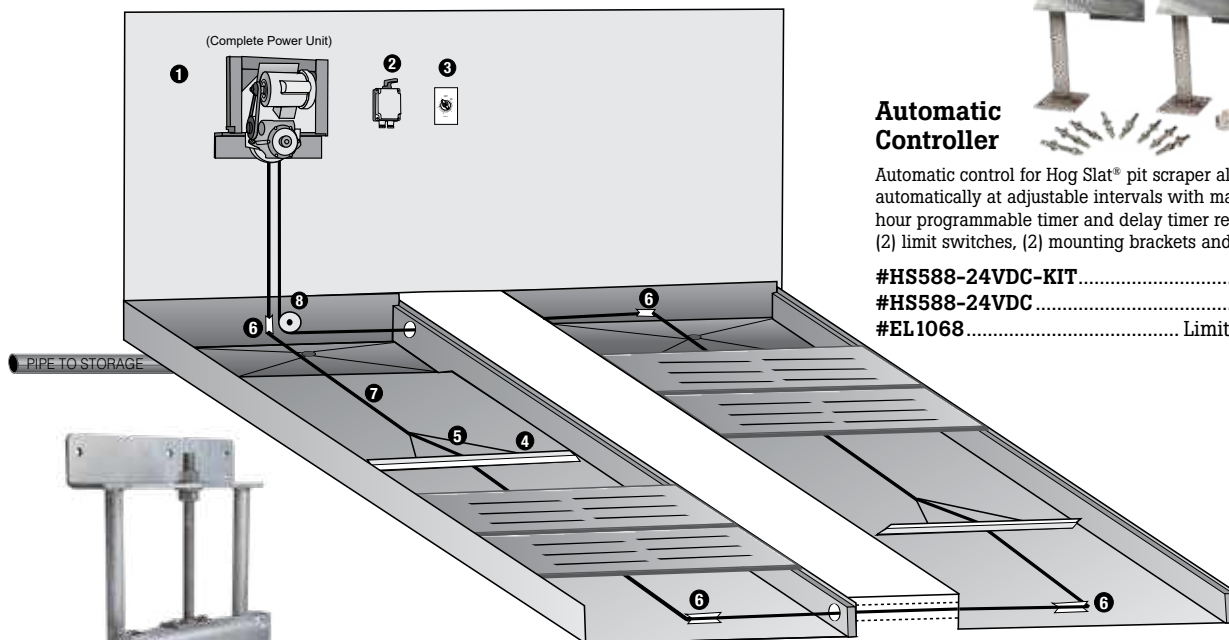
#50420



#50447

## Hot-Shot

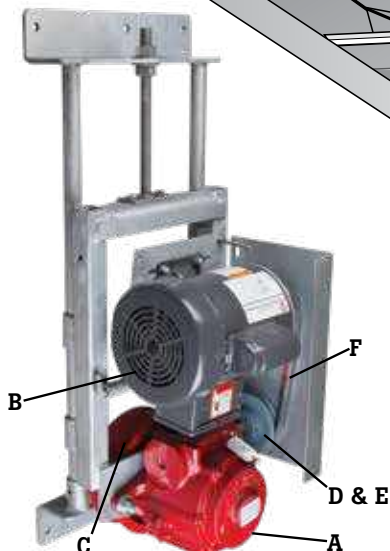
#MMCHU2S.....	Red Sabre™ handle w/ batteries	#50441.....	White rigid fiberglass shaft 27-3/4"
#MMCHU2HS.....	Green HS2000 handle w/ batteries	#50442.....	White rigid fiberglass shaft 39-3/4"
#MMCHU2HSR.....	Green rechargeable handle	#50426.....	12V charger/adaptor
#50420.....	Power-Mite	#50428.....	110V charger/adaptor
#50445.....	Black flex shaft 13-1/2"	#MMCRBP3.....	Rechargeable battery pack
#50446.....	Black flex shaft 23-1/2"	#50432.....	White shaft nut
#50447.....	Black flex shaft 33-1/2"	#50433.....	HS1 driver replacement motor (green pack)
#50448.....	Black flex shaft 43-1/2"	#50436.....	SS1 driver replacement motor (red pack)
#50440.....	White rigid fiberglass shaft 15-3/4"	#50460.....	Hi alkaline batteries each (size C), 6 pack



## Automatic Controller

Automatic control for Hog Slat® pit scraper allows unit to function automatically at adjustable intervals with manual override. Includes 24 hour programmable timer and delay timer relay. Kit includes controller, (2) limit switches, (2) mounting brackets and (8) 3/8" ss anchors.

#HS588-24VDC-KIT..... Controller Kit Complete  
 #HS588-24VDC..... Controller Only  
 #EL1068..... Limit switch, 3.4" Wobble style



### WARNING:

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## 1 Complete Power Unit

• Shipped Assembled

#452-709M..... Complete Power Unit

## A) Scraper Gear Reducer

• Right-angle gear reducer with bottom system drive  
 • Planetary gear system with a 55:1 reduction ratio enclosed in cast iron housing

#L10-00-0473..... Scraper Gear Reducer

## B) Motor

• Single phase (PSC) direct drive  
 • TEAO (totally enclosed air over)  
 • Resilient base • 1 Phase - 60 Hz - TEFC enclosure  
 • 5/8" shaft - 56 Frame - 1725 RPM • 115/230 volt

#5330014..... 3/4 Hp base mount

### WARNING:

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## C) Sheave Hub

• 1" bore x 8" diameter

#452-718..... For scraper gear box

## D & E) Scraper Pulley

D) #PAK4458..... 4-1/2" x 5/8" pulley (gear reducer)

E) #PAK2558..... 2-1/2" x 5/8" pulley (motor)

## F) Type A Belt



#HSA24..... 1/2" x 26" standard type A belt

## 2) Manual Scraper Switch

#452-457..... Manual Scraper Switch



## 3) 5-Minute Timer

#590311..... 5-Minute Timer



## 4) Stainless Steel Scraper Blades

#8070280500..... Stainless Steel - 6' 5"

#8070240500..... Stainless Steel - 7' 1"

#8070270500..... Stainless Steel - 9' 2"



## 5) Scraper Stop Rod

#2012580500..... 1/2" x 58"



## 6) Corner Wheel Assembly

#452-708..... SS Bracket and Wheel



## 6A) Scraper Wheel Bracket

#8070250500..... SS



## 6B) Axle, Bushing, Wheel

#452-515..... Wheel w/ delrin bushing

#452-521..... Spanner bushing

#452-511..... Axle w/ zerkl & ss nut



## 7) Cable

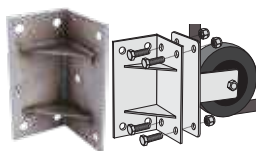
#617276..... 5/16" - 7 x 19 SS



## 8) Floor Bracket

Use to mount Corner Wheel Assembly to right angle. Bolts not included.

#8070260500..... 8" x 5" SS, Right Angle



## Manhole Grate

#3250110500..... SS, 12" x 12"





## Flush Control

#61620D ..... Auto double w/ timers

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#59699

## Float & Bracket for Submersible Pump

- Float constructed of 6" PVC, 32" wide x 60" long.
- Stainless steel bracket 2" x 33"

#59738 ..... Float 6" PVC 32" x 60"

#59699\* ..... Bracket for pump, SS 2" x 33"

**WARNING:** This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



#59738

## Wingo Line Cleaner

Line Cleaner is the new alternative in lagoon recycle line maintenance. It is user-safe and environmentally friendly. Line cleaner is a recycle line descaler that breaks down the bonding of salt, lime and calcium build-up in lines and pumps (safe in all types of pumps).



#79016 ..... Wingo Line Cleaner

## Muratic Acid

Use for cleaning recycling lines and etching concrete surfaces.

- 1 gal
- 31.45% active ingredient
- Highly corrosive



#79010 ..... Muratic Acid

## GSI Flush Tank Parts

- 1) #G20602 ..... 56" standpipe
- 2) #G20605 ..... Piston assy
- 3) #G20606 ..... Piston connecting rod assy
- #G20608 ..... SS Piston connecting rod assy
- 4) #G20607 ..... 8" Gasket for standpipe
- #G20621 ..... Piston guide bracket
- #8060970500 ..... S.S. Piston guide bracket



## Cord Replacement

Replacement cord for Flush control, SJ 14 ga x 9', 110V



#HSCS-001 ..... SJ 14/3 9' 110V SJT00W Male End

## Timer

- 1-12 operations per day
- 40A 120V
- 2NO-1NC swt

#INET1115C ..... 60 second on/off



## Time-Delay Relay

#59093 ..... Time-delay relay



## Alternate Relay

#59091 ..... Alternate relay 98A00479



## Mercury Float Switch

#61647 ..... Mercury float switch



## Rubber Diaphragm & Flush Tank Washer

#61659 ..... Flush tank washer 3/8" x 5"

#61962 ..... 8" Rubber diaphragm



## Micro Switch

#61631 ..... For flush tank

**WARNING:** This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



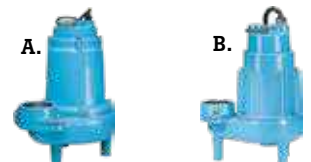
## Submersible Sewage Ejector Pump

Handles tough, demanding tasks of effluent and sewage waste transfer materials up to 2" spherical diameter.

- Heavy-Duty cast iron housing
- Rated for continuous duty
- Pumps up to 35'
- Completely submersible
- Single Phase
- Self-Contained power cord

Item#	Volts	Hz	Hp	Cord	GPM @ 10'
A) 61080	230	60	1	40'	150
B) 610800	230	60	2	20'	205

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### MicroPT Pit and Lagoon Treatment



MicroPT's proprietary formula consists of stabilized natural and organic microorganisms designed to reduce pit and lagoon odors. Regular use aids in the digestion and liquefaction of manure solids along with a reduction in total nitrogen and ammonia content. Apply one gallon per 100,000 gallons of waste.

#MICROPT ..... 2.5 gal. container

### AgraSphere Lob in and Forget It.



No mixing or measuring, just toss it in your lagoon or pit and forget about it until the next treatment. AGRASPHERE utilizes a patented time-release technology that provides 24/7 continuous activation while being eco-friendly in a biodegradable sphere

#SPHERE ..... Pit Treatment  
#30500 ..... Lagoon Treatment (4 pk)



### AgraSlat™

New slim profile allows placement through slat openings in deep pits. Contains proprietary blend of microbial insulates to liquefy solids and reduce pit crust.

#BA30150 ..... AgraSlat™



### ASI Flush and Lagoon™

ASI Maintenance combines naturally-occurring bacteria to reduce organic solids, control odors and provide effective insect management. Water soluble packaging allow the product to be introduced through flush tanks, lift stations or directly into the lagoon.

#AS1002 ..... 1 lb. pack



### ASI Pit Hammer Plus™

Pit Hammer Plus contains trillions of bacteria that safely digest and liquefy solids to reduce odor admissions in pits. The addition of citronella oil acts as an aid in controlling insect infestations.

#AS1000 ..... 2 gal container



### ASI Pit Hammer™

Regular strength formulation containing bacteria that reduce odor admissions by liquifying pit solids. Contains citronella oil to help control insect populations.

#AS1001 ..... 5 Gal. bucket



### ASI BioBlocks™

A blend of multiple bacterial spore selected to biologically digest and treat organic wastes in an easy-to-use time-release cylinder. 1 block treats 100,000 gallons of waste. Drop into pit load outs, flush tanks and lift stations.

#AS1006 ..... BioBlock (case of 4)



### ASI Pit Slammer™

ASI Pit Slammers™ are designed to slip into the slatted floors of deep and shallow pit buildings to digest organic wastes naturally and effectively.

#AS1007 ..... ASI Pit Slammer



### Al+Clear®

Al+Clear® is a powdered Aluminum Sulfate that reduces ammonia levels and inhibits pathogen growth in the litter throughout the bird's grow out period. Al+Clear® also improves the nitrogen content and binds up the phosphorous to reduce water runoff when litter is used for fertilizer.

#WY25213 ..... Al+ Clear, 50 lb. bag



### MicroPuran®

MicroPuran® is a 100% soluble dry powder blend of enzymes, absorbents, oxidants, nutrients and selected anaerobic microbes designed to reduce ammonia emission, retain nitrogen in waste and aids in the digestion of solids. MicroPuran® helps your bottom line by improving your litter value, saving application and improving population of favorable bacteria.

#WHMIC ..... MicroPuran, 1 lb.



### Ultra Litter Treatment™

Ultra Litter Treatment™ is a blend of food grade organic acids and sodium salts blended with food grade buffering agents and YS-50® (Yucca schidigera extract). Lowering the pH of the poultry house floor or litter greatly improves the environment by reducing ammonia levels and by inhibiting pathogens that have an adverse effect on performance. ULT is a liquid that lowers the pH instantly. One five (5) gallon container of ULT mixed with 70 gallons of water will cover up to 20,000 square feet.

#ULT5GAL ..... 5 gal. container



### Poultry Litter Treatment - PLT

The Industry Leader in Ammonia Control  
**Delivery Available at Most Locations  
for an Additional Charge**

#WYPLT0025 ..... 50 lb. bag

## BURN-EASY INCINERATORS

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



### COMPLETE UNITS

Item#	Model	Diameter	Door	Door Dimensions	Capacity
RK3102	Model 12 Afterburner Oil	2'x12"	N/A	N/A	N/A
RK3102-LP	Model 12 Afterburner LP	2'x12"	N/A	N/A	N/A
RK3102-NG	Model 12 Afterburner NG	2'x12"	N/A	N/A	N/A
RK3100	Model 20 Afterburner Oil	4'x20"	N/A	N/A	N/A
RK3100-LP	Model 20 Afterburner LP	4'x20"	N/A	N/A	N/A
RK3100-NG	Model 20 Afterburner NG	4'x20"	N/A	N/A	N/A
RK4280	Model 428 WO/Grate Oil	8'x42"	Single Door-Winched	31"x66"	1,200 lbs.
RK4280-LP	Model 428 WO/Grate LP	8'x42"	Single Door-Winched	31"x66"	1,200 lbs.
RK4280-NG	Model 428 WO/Grate NG	8'x42"	Single Door-Winched	31"x66"	1,200 lbs.
RK529	Model 529 Heat Lined Diesel	9'x52"	Single Door-Winched	43"x77"	2,500 lbs.



#523598



#52359



#RK1226



#5235992



#RK1205



#HS9074



#523597



#RK1642



#RK3806



#RK1243B



#RK1209



#RK1237



#RK1005



#RK1006

### REPLACEMENT PARTS

#HS9074*	Motor 1/5 HP 3450 RPM 50/60 Hz Burn Easy Incinerator
#52359	New style heat probe for Burn Easy incinerator
#RK1205	Transformer Igniter Coil for Burn Easy Incinerator
#RK1642	Control Box Complete for Burn Easy Incinerator
#523597	Fan Blower for Burn Easy Incinerator
#523598	Pump Fuel for Burn Easy Incinerator
#5235992	Gun Assembly For Incinerator
#RK1005	Nozzle for after burner 1.10 Gal Incinerator
#RK1006	Nozzle for Main Burner 2.25 Gal Incinerator
#RK1007	Nozzle 2GPH for Burn Easy Incinerator
#RK1206	Spring for 5235901 Transformer
#RK1209	Drive Coupler for Burn Easy Incinerator

### ⚠ WARNING:

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#RK1226	Igniter for Burn Easy Incinerator
#RK1230	Tube Air Assembly for Incinerator
#RK1237	Shut Off Fuel for Burn Easy Incinerator
#RK1238	Probe Heat Plug for Burn Easy Incinerator
#RK1243B	Board Control for Control Box 523595 Burn Easy Incinerator
#RK1245	Box Only for Controls pre Drilled Bottom & Top
#RK1248	Decal Only for Burn Easy Controller
#RK3802	Grate for 500 LB Burn Easy Incinerator
#RK3803	Grate for 700 Lb Burn Easy 3 Per Set 22" X 24 1/2"
#RK3806	Grates for 1200LB Burn Easy Incinerator (Set of 5) 15" X 27"





## Destructor Juniors

100 lbs total fill capacity (80 lb Recommended Burn Capacity)

• Size (H x L x W): 7'10" x 4' x 3' • Door Size: 17" x 17"

#02222JRWOB.....	Destructor JR- NO BURNER
#52350.....	Destructor Junior LP
#52350NG.....	Destructor Junior NG
#52350D.....	Destructor Junior Diesel
#52350-SBURN.....	Destructor Junior W/Secondary Burner LP
#52350NG-SBURN.....	Destructor Junior W/Secondary Burner NG
#52350D-SBURN.....	Destructor Junior W/Secondary Burner Diesel

## Destructor Standard Door

1000 lbs total fill capacity (500 lb Recommended Burn Capacity)

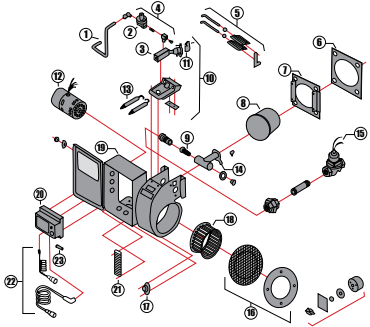
• Size (H x L x W): 8'4" x 6' x 4' • Door Size: 17" x 24"

#52531-WOB.....	Destructor 500 Standard Door NO BURNERS
#02222DSL.....	Destructor 500 Standard 24"x17" Door LP
#02222DSNG.....	Destructor 500 Standard 24"x17" Door NG
#52531D.....	Destructor 500 Standard 24"x17" Door Diesel
#52531-SBURN.....	Destructor 500 W/Secondary Burner Std Door LP
#52531NG-SBURN.....	Destructor 500 W/Secondary Burner Std Door NG
#NIO22DSSCDL.....	Destructor 500 Standard Door W/Secondary Burner Diesel

## LP Gas Incinerator

1) #NI6421-59.....	Tube Igniter
2) #NI8400-00.....	Regulator
3) #NI6405-00.....	Block Ignitor Inlet
4) #NI6412-97.....	Assembly
5) #NI6401-90.....	Shutter Replacement Kit
6) #NI6407-30.....	Gasket Flange
7) #NI6407-90.....	Mounting Flange Kit
8) #NI6406-05.....	Tube Blast LP & NG
9) #NI6404-90.....	Screw Input Adjustment
10) #NI6460-00.....	Igniter Assembly
11) #NI6413-09.....	Barrier Ground Kit
12) #NI6464-00.....	Motor
13) #NI6457-00.....	Ignitor Electrode
14) #NI6403-00.....	Manifold

15) #NI6452-50.....	Gas Valve
16) #NI6416-90.....	Inlet Ring & Screen Replacement
17) #NI8425-18.....	Switch Terminal
18) #NI6410-00.....	Wheel Blower
19) #NI6400-80.....	Housing for Blower
20) #NI8429-03.....	Control Board Honeywell
21) #NI8408-42.....	Strip Terminal
22) #NI6458-50.....	Wire Boot Kit
23) #NI8408-76.....	Fuse
NS) #NI3200TC.....	Control Cal Incinerator
NS) #MKS2PIAC120.....	Relay



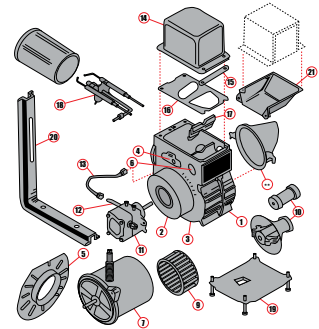
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## Becket Diesel Burner

1) #NIRWB5874BKU.....	Burner Housing Assy.
2) #NIRWB3709.....	Air Shutter
3) #NIRWB515101.....	Air Band
4) #NIRWB3493.....	Escutcheon Plate
#NIRWB5941.....	Adjusting Plate Assy.
5) #NIRWB5432.....	ADJ Mounting Flange
6) #NIRWB2139.....	Hole Plug
7) #NIRWB2456U.....	Motor 1/7 HP Becket
#NIRWB4189.....	Mounting Screws
9) #NIRWB2999U.....	Blower Wheel
10) #NIRWB2454.....	Coupler Driver for Pump
12) #NIRWB2256.....	Pump Nozzle Port Fitting
13) #NIRWB5636.....	Connector Tube Assy.
14) #NIRWB5171U.....	Transformer Fuel Oil model

15) #NIRWB31232.....	Hinge to Housing Gasket
17) #NIRWB5880.....	Low Firing Baffle
18) #NIRWB5780.....	Ignitor (electrode only)
19) #NIRWB2885.....	Pedestal Support Kit
20) #NIRWB5606.....	Extended Pedestal Kit
21) #NIRWB5770.....	Junction Box Kit
#NIRWB550274.....	Probe Wires
#NI101343-002.....	Ignition Control
#NIRWB5919.....	Probe Kit
#NIRWB7101U.....	Valve Oil Solenoid
#NIRWBAF65XPT.....	Tube Air Combination
#NIRWB5878.....	Trans Ignition Assembly



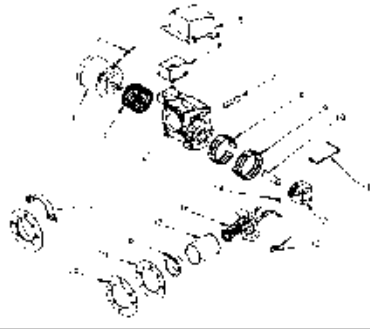
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## Wayne Diesel Burner for Burn Easy and Valco Incinerators:

1) #HS9074.....	Motor
2) #RK1202.....	Power Cord
3) #523597.....	Blower Fan
4) #RK1204.....	Fan & Burner Housing
5) #RK1205.....	Transformer
6) #RK1642.....	Controller (New Style)
NS) #RK1243B.....	Controller Board
7) #RK1235.....	Slot Cover Plate
8) #RK1207.....	Inner Air Band
9) #RK1208.....	Outer Air Band
10) #RK1209.....	Drive Coupler
11) #RK1210.....	Oil Line Assy.
12) #523598.....	Fuel Pump Suntec
12) #RK1211D.....	Fuel Pump Danfoss

16) #5235992.....	Gun Assy.
17-21) #RK1230.....	Air Tube Assy.
NS) #FD6H.....	6 Hr. Timer
20) #RK1216.....	Gasket
Part of 16) #RK1224.....	Hold Down Clamp
Part of 16) #RK1225.....	Flamelock
Part of 16) #RK1226.....	Electrode Assy. w/Buss Bar
Part of 16) #RK1227.....	Buss Bar
NS) #RK1005.....	After Burner Nozzle 1.10gph
NS) #RK1006.....	Main Burner Nozzle 2.25gph
NS) #RK1237.....	Fuel Oil Shut Off Valve
NS) #RK1238.....	Probe Heat Plug



### WARNING:

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## No Pre-Mix Hose End Sprayer

- No pre-mixing - set metering dial for required dilution; concentrate & water will automatically be mixed at set rate.
- Metering dial automatically be mixed at set rate. Metering dial selects from 16 mixing ratios; 1 teaspoon up to 10 tablespoons.
- Sprays up to 100 gallons, remove the deflector for solid stream coverage up to 30'.
- Operates on water pressures ranging from 45-60psi.
- Built-in anti-siphon device prevents back flow, unused chemicals can be returned to the container.



#HH13621115 ..... No Pre-Mix Hose End Sprayer

## HydroSprayer

Preset applicator with 1/2 oz. per gallon tip. Ideal for apply high volume saturation of Tek-Trol at low pressures. Saves on wastage and improves chemical performance.

#TEK-002 ..... Tek-Trol applicator, quart, liquid



## 1-Gallon Pump Sprayer

- Features durable, lightweight polyethylene tank which is non-corrosive to most fertilizers, herbicides and pesticides.
- Translucent poly tank allows easy viewing of liquid levels.
- Patent SureSpray® filter prevents most debris from clogging hose.
- Funnel top for easy filling.
- Pressure relief valve to remove compressed air before opening to fill.



#CH20075 ..... 1 gal. pump sprayer



## HydroFoamer

Delivers disinfectant as thick, clinging foam to improve its effective power. Foam clings to vertical surfaces and promotes better coverage because operators can see where the disinfectant has been applied. Applicator connects to a regular garden hose, and its large, 48-oz. bottle is filled directly with disinfectant concentrate. Dilution rate is Max 128:1 Min 12:1.

#HS483 ..... HydroFoamer

## 20 Qt. Flat-Back Bucket

Flat-Back design fits snug against wall or gates and it makes hauling easier. Heavy polyethylene plastic resists damage from impact and warping. Heavy-duty wire handle with hanging notch. 14.75" diameter x 23" high, holds 5 gals. Black.

#P20FB-BLK ..... 20 Qt. Flat-Back Bucket



## High-Pressure Foamer

Foamer attachment for use with high pressure sprayers; includes wide mouth, 64-oz tank. Constructed of corrosion-resistance stainless steel and plastic with five chemical mixture settings. Rated for 3625 psi and 5.2 gpm with max temperature rating of 176°F. Unique design reduces chemical consumption by up to 50% compared to other foamers.

#NPST732 ..... High-Pressure Foamer



## Kick Away™ Boot Scraper

Heavy duty, commercial grade boot scraper with durable powder coated steel frame and base. Features built in scraper on each sides. Poly brush mounts with extra stiff nylon bristles. Mounting screws and anchors included. No assembly required. Dimensions: 7.5"H x 9.5"W.

#KAHD1 ..... Commercial Model w/ base

#KAHDB1 ..... Replacement Brush Set



## EZ Disinfectant Pan

Covered foot pan reduces contamination of disinfectants. Includes 36" handle for ease of opening and closing. Metal pan measures 16" x 14" x 2" deep.

#IS9601-001 ..... EZ Disinfectant Pan



## Disinfection Mat

Our highest quality entrance mat. Constructed of foam core covered by a tough poly mesh with non-permeable bottom and sides to contain the disinfectant solution. The mat's extra capacity, of approximately 2 gallons, keeps solution fresher. The extra width prevents "walk-arounds" at entrance doors. We found the mats to hold solution better on uneven surfaces than other types we've used.

#4593424 ..... 34" x 24" x 1" deep



## Black Disinfectant Mat

Thousands of rubber fingers cover the mat surface to dislodge debris from boot soles. Recessed mat holds up to one gallon solution.

#TM222 ..... 24" x 36"



## Disinfection Mat

#802000 ..... 24" x 32" Disinfection Mat



## Rubber Disinfectant Pan & Tub

#HP3 ..... 3-gal. pan, 17-1/2" dia x 4-1/2" high

#HP650 ..... 6.5-gal. tub, 18" dia. x 8" high



# MOLDEx

## Respiratory Protection

- Dura-Mesh® outer shell retains its shape in moist conditions.
- Soft foam nose cushion provides secure fit without metal straps.
- Double straps holds mask firmly.

- 1) #790131 .....Dust Mask 2200N95, Low-cost protection, 20/box, Med/Large  
 2) #790130 .....Dust & Mist Respirator 2300N95, Exhale valve quickly releases exhaled air, 10/box, Med/Large  
 3) #790195 .....Dust & Mist Respirator 2400N95, Charcoal filter reduces nuisance odors, 10/box, Med/Large

## 7000 & 9000 Series

### Reusable Masks

Moldex designed the 7000 half mask and 9000 full face series to be the most user friendly reusable respirators on the market. Featuring fewer parts, minimal maintenance, and a wider field of vision. Ultra-lightweight, durable, and economical, providing maximum comfort with extended use.



Item#	OEM#	Description
#797112	7112	Moldex 7000 Half Mask Medium for Pesticide, Organic Vapor use w/ N95 Prefilter Assy
#797002	7002	Moldex 7000 Half Mask Only
#797942	7942	Moldex 7000 Half Mask Medium w/ P100 HEPA Filter Assy.
#799002	9002	Moldex 9000 Full Mask Only
#797920	7920	Piggyback Adapter for P100 Filter pair
#797940	7940	Replacement P100 Filter pair
#378910	8910	N95 Particulate Filter (5 pair)
#377020	7020	N95 Filter Retainer pair
#377600	7600	Replacement Multi-Gas Smart Cartridge

### Medical Style Dust Mask

- 50 per box

- #470700 .....Medical Style Dust Mask



### Nuisance Mask

Non-rated nuisance mask which reduces irritating effects of non-toxic particles such as dust, pollen and cut grass. Paper construction with adjustable nose piece and single strap.

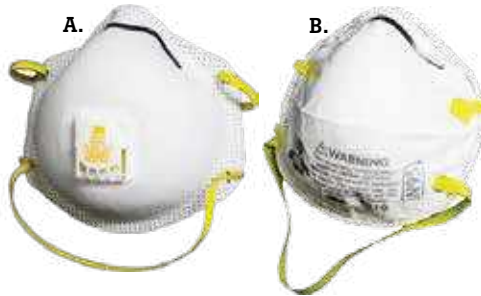
- #7901008 .....Nuisance mask, 50/ box



## 3M Particulate Respirators

3M disposable particulate respirators are designed to provide comfortable, reliable protection against certain organic particles. These face pieces feature adjustable nose-clips and dual head bands for a better seal and a secure fit. Carbon layer on R95 models help reduce nuisance levels of gas and vapors. Cool Flow™ Exhalation Valve reduces heat build-up inside the respirator for greater comfort.

- A) #790200 .....N95 Respirator w/ Cool Flow™ Valve, 8511, 10/box  
 B) #790201 .....N95, Classic Respirator, 8210, 20/box



### Hair Nets

- Bag of 100

- #4GL67 .....Hair Nets



### Pre-Powdered Latex Gloves

- 100 per box

- #002053 .....Latex Lightly Powdered Medium  
 #002107 .....Latex Lightly Powdered Large  
 #003852 .....Latex Lightly Powdered XL



### Short Sleeve Poplin Coveralls

- 5 oz Poplin fabric
- 65% Polyester / 35% Combed Cotton
- Two-way brass zipper
- Two set-in front pockets
- Two chest pockets
- Two patch hip pockets

- #CP40NV-RG-S ..... Small  
 #CP40NV-RG-M ..... Medium  
 #CP40NV-RG-L ..... Large  
 #CP40NV-RG-XL ..... Extra Large  
 #CP40NV-RG-XXL ..... 2X large  
 #CP40NV-RG-3XL ..... 3X large  
 #CP40NV-RG-4XL ..... 4X large



### Mircomax® NS Disposable Coveralls

- Breathable
- Open wrist & ankle

- 364153-EA ..... L - each  
 364153 ..... L - case/25  
 364154-EA ..... XL - each  
 364154 ..... XL - case/25  
 364155-EA ..... 2XL - each  
 364155 ..... 2XL - case/25  
 364156-EA ..... 3XL - each  
 364156 ..... 3XL - case/25  
 364157-EA ..... 4XL - each  
 364157 ..... 4XL - case/25  
 364158-EA ..... 5XL - each  
 364158 ..... 5XL - case/25



### Foam Ear Plugs

- Disposable foam ear plugs, Pura-Fit® NRR3
- 200 pairs per box
- Uncorded

- #790100 .....Foam Ear Plugs





## Chorelite

Constructed of EVA expanded rubber, the Chorelite boot is not only durable but the lightest boot we have found for use in poultry and swine houses. The Chorelite weighs less than 10 ounces vs a standard rubber boot at over 2 lbs. Its one-piece molded design has no seams to leak and because it is unlined the Chorelite can be cleaned and disinfected inside and out. Men's sizes only.



#M688-8	Size 8
#M688-9	Size 9
#M688-10	Size 10
#M688-11	Size 11
#M688-12	Size 12
#M688-13	Size 13



## Plastic Covers

• 25 pairs per box

#79099	Plastic Covers, one size fits all
#429503	3 mil, elastic top
#429510	6 mil, elastic top



## Tek-Trol Aerosol

A spot disinfectant for use on boots, clothing, vehicles and hand tools. Non-staining, quick drying and ideally suited for service personnel moving from location to location.



#TEK-001	17 oz. aerosol spray can
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## Bioshift® Pass-Through UVC Chamber

The BioShift® is an economically friendly tool to use alongside established bio-security protocols. It is designed to kill viruses in a recommended time of five minutes, while being an effective replacement for passthrough windows and doors, germicidal disinfecting sprays/fogs, chemical cleaners and un-secured access panels.

- 120/240 Volts
- 80W Operating power
- 7W Standby power
- 0-999 second variable time setting
- 23-1/2" L x 29-3/4" W x 24" H

#OI24-0200	BioShift UVC Chamber
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## Servus® Steel Toe Safety Boot

15" high PVC outer with reinforced steel toe. Good general purpose farm boot where extra protection is desired.



#75109-6	Size 6
#75109-7	Size 7
#75109-8	Size 8
#75109-9	Size 9
#75109-10	Size 10
#75109-11	Size 11
#75109-12	Size 12
#75109-13	Size 13

## Servus® Northern Series - Ladies

15" high. Navy. TDT plastic compounds for increased durability cushioned center sole.



#75126-5	Size 5
#75126-6	Size 6
#75126-7	Size 7
#75126-8	Size 8
#75126-9	Size 9
#75126-10	Size 10
#75126-11	Size 11



## Disposable Boot Covers

Disposable Boot/Shoe Covers with laminated Fabric, has a PVC textured sole. They are waterproof (not submersible) with elastic bands and a seamless bottom.

- 1) #TI52658..... White, 16 1/2" long, 18" tall, 50/box
- 2) #TI53474 ..... Heavy Duty, gray, 19" long, 7 3/4" Tall, 100/box
- 3) #TI72388 ...Light Weight, white, 15 1/2 long, 6 1/2 tall, 150/box



## EasyFix Luna

A range of floor products are designed to provide environmental enrichment for pigs. Made from high quality natural rubber, the products are pliable, durable and safe for pigs to bite on.

#LUNA50	Red, 0-4 weeks
#LUNA86	Yellow, 4-7 weeks
#LUNA117	Blue, 7-12 weeks
#LUNA142	Green, Finish/sows

## Tingley Airgo™ Lightweight Knee Boots

Lightweight, yet durable, these boots are 100% waterproof and have cleated outsoles for traction and slip resistance in wet and muddy conditions.



#21154-6	Size 6
#21154-7	Size 7
#21154-8	Size 8
#21154-9	Size 9
#21154-10	Size 10
#21154-11	Size 11
#21154-12	Size 12
#21154-13	Size 13

## Servus® Northern Series - Mens

15" high. Olive. TDT plastic compounds for increased durability cushioned center sole.



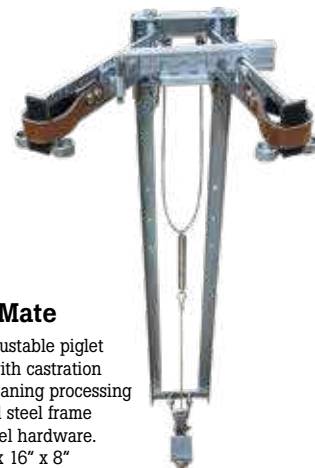
#75120-5	Size 5
#75120-6	Size 6
#75120-7	Size 7
#75120-8	Size 8
#75120-9	Size 9
#75120-10	Size 10
#75120-11	Size 11
#75120-12	Size 12
#75120-13	Size 13



## Biosecurity Signs

18" octagon style stop signs are made of outdoor-grade, high-density .055 gauge polyethylene. Red sign and white letters are printed with fade resistant inks. 2" x 7" blank white space at bottom center of sign provides highly visible area to list farm name, contact information or other instructions.

#BIOSIGN2	18" Disease Prevention Area" stop sign, .055-gauge rigid poly
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## Castration Mate

Wall mounted adjustable piglet holder to assist with castration and other pre-weaning processing tasks. Zinc-plated steel frame with stainless steel hardware. Dimensions: 39" x 16" x 8"

#HS830	Castration mate
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## WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## 50cc Pistol Grip Syringe

- Rugged cast aluminum pistol grip with high impact plastic barrel.
- Adjustable settings from 1 to 5 cc.
- Includes a set of replacement washers.

#1000..... 50cc Pistol Grip Syringe



## Bottle Mount Vaccinator Fast Fit

- Makes vaccination an easier process
- Comes with a hook for hanging
- Does not require a spring adjuster for 100cc bottle or less

#206558..... 2cc  
#206657..... 5cc



## Bottle Mount Barrel with O-Ring

- Vaccinator Replacement

#206800..... 2cc  
#206855..... 5cc  
#351616..... 1/2cc



## Vaccinator with Large Draw-Off

- Ruggedly designed syringe
- Includes a hook for hanging the vaccinator out of one's way
- Universal needle cap fits all lure lock style needles
- Does not require a spring adjuster
- Tubing is included

#213105..... 5cc



## Adjustable Dose Prima-Marc

#213358..... 2ml Prima-Marc w/ both draw offs  
#212153..... 2ml replacement barrel  
#213457..... 5ml Prima-Marc w/ both draw offs  
#211903..... 5ml replacement barrel



## Barrel with O-Ring

- Vaccinator Replacement
- Includes Barrel, Piston O-ring

#206404..... 2cc  
#217409..... 5cc



## Draw-Offs

Slip draw-offs spike in the top of the medicine bottle so the cap surrounds the top to prevent leaks. Hose not included.

#141859..... Small draw-off  
#141804..... Large draw-off



## Needle Nut & Piston O-Ring

- Vaccinator Replacement

#203151..... Needle Nut 2cc, 5cc, 6cc  
#203304..... Piston O-Ring 1cc, 2cc  
#203502..... Piston O-Ring 5cc, 6cc



## Metal Needle Nut

#330840..... SS luer lock needle nut



## Vac-Pacs

#VAC-AL..... On-arm - large  
#VAC-AM..... On-arm - medium  
#VAC-WL..... Waist - large  
#VAC-WM..... Waist - medium



## Marking Twist Sticks

- Colors are durable for approximately four weeks on cattle and sheep and two weeks on swine.
- Reliable in all temperatures, strong in color with high luminosity.
- 10 sticks in a box (buy the box and SAVE!)

#001155 Purple      #001353 Green  
#001209 Black      #001407 Blue  
#001254 Orange      #002503 Fluorescent pink  
#001308 Red



## Prima-Marc Spray

- 24 cans per case

#211859 Red      #211651 Blue  
#211705 Green      #211750 Orange

## Pump Up Sprayer

- Can be used for spray on concentrate.
- 1.5 Liter

#AGR083401..... Pump up sprayer, 1.5 Liter



## Spray-On Livestock Markers

- 12 cans per box

#VAC-171..... Green  
#VAC-172..... Red  
#VAC-174..... Blue  
#VAC-173..... Fluorescent orange  
#VAC-178..... Fluorescent Purple  
#VAC-179..... Fluorescent Green  
#VAC-180..... Black



## Spray On Marking Concentrate

- Spray On Marking Concentrate provides an extremely inexpensive animal marking product. Just mix with water in a spray bottle and begin marking.
- Marking Concentrate produces an extremely visible mark that will not rub off.
- 16 fluid oz. bottles

#001506..... Green  
#001551..... Blue  
#001605..... Red







Swine Shows, State and County Fairs, and Auctions will soon require 840 tags. Learn more about 840 and PIN tags by reading our blog article:

[Official Swine ID - Frequently Asked Questions](#)

### USDA Premise ID (PIN) Ear Tags

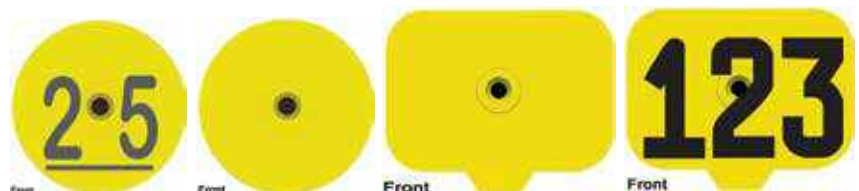
- Tags include a tamper-proof button and visual panel to easily identify tagged animals
- Tags include the official US shield, the assigned alpha-numeric seven character PIN (Premises Identification Number), state abbreviation and an "Unlawful to Remove" notice.
- Constructed of high-grade polyurethane to resist damage.
- Data is laser imprinted and inked to for easily visibility.
- \*25 per bag. See website for available colors.

### AVAILABLE COLORS



### Swine

Easily monitor your pigs to accomplish specific goals for your operation. Hog Slat offers Duflex® visual ID swine tags from Destron Fearing™, available in 2 sizes and the most popular colors. Blank tags or tags with printed management numbers are available to maximize flexibility when tagging your animals



### Cattle

Cattle tags allow you to visually identify and track your herd. Hog Slat offers Duflex® visual ID cattle tags from Destron Fearing™, available in 3 sizes and the most popular colors. Blank tags or tags with printed management numbers are available to maximize flexibility when tagging your cattle.



### Sheep & Goats

Hog Slat offers Duflex® visual ID goat and sheep tags from Destron Fearing™, available in the most popular colors. Blank tags or tags with printed management numbers are available to maximize flexibility when tagging your animals.



### EZ-Knife™

Safely and quickly remove animal identification tags with the EZ Knife™

#DFAC7004 ..... EZ-Knife™



### ProGrip™ 2

Use the ProGrip™ 2 applicator to quickly and accurately attach animal ID tags to livestock.

#DFAC7066 ..... ProGrip™ 2

#DFAC7008 ..... replacement pins

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



### Super Mark™

The Super Mark™ Pen contains special ink to permanently mark Destron Fearing™ animal identification tags.

#DFAC7001 ..... Super Mark™

### AVAILABLE COLORS:





# CHICKEN REAPER



## CHICKEN REAPER HIGHLIGHTS:

- Wooden Track
- Adjustable Speed Remote
- Dump Box or Bucket Tray
- 24 Volt Lithium Battery
- Gearmotor Disengage Lever
- Heavy-Duty Galvanized Steel
- Adjustable Height

The Chicken Reaper ships with everything needed for the complete system (with the exception of the rail lumber.) All fasteners, bolts, nuts, etc are included!



## WOOD TRACK

The truss brackets are secured to bottom of every truss with (2) GRK fasteners. A galvanized steel hanger bracket then attaches the 2 x 6 yellow pine (provided by the end user) rail to truss bracket. This simple and sturdy rail system drastically reduces the cost of installing a trolley system in your poultry house. And since the rail lumber is sourced locally, shipping the Chicken Reaper is very economical. For wider houses a metal rolled tube corner enables you to install a circular track.



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- #CHR1501 ...Hanger Bracket Kit, 8 Sets w/ Hardware
- #CHR1503.....Kit Rolled Tube Corner
- #CHR1515 ..... Tool-Less Bridge Kit, Double
- #CHR1509 .....End Stop Kit 2 Stops w/ Hardware
- #CHR1505.....Trolley w/Bucket Tray
- #CHR1506 .....Trolley w/Dump Box

## TWO TRAY OPTIONS:



## BUCKET TRAY

A simple, flat, stable bucket tray that accommodates (10) 5 gallon buckets. A great option for tray dispersal, maintenance work, dead bird removal, and much more.



## DUMP BOX

This easy to use system utilizes a dump box with a heavy duty handle. Simply fill the tray, move to a suitable location, and dump. Ideal option for the removal of larger birds, turkeys, and supplemental feeding.



## BATTERY

The on-board 24 volt lithium battery and charger provide thousands of charge/- discharge cycles. A single charge lasts 4-5 days on average, depending on length of track.



## REMOTE

A robust, waterproof remote transmitter gives the operator full control of the trolley. Forward, reverse, stop and speed adjustment can all be controlled with the remote allowing you to keep your Chicken Reaper where you need it at all times.



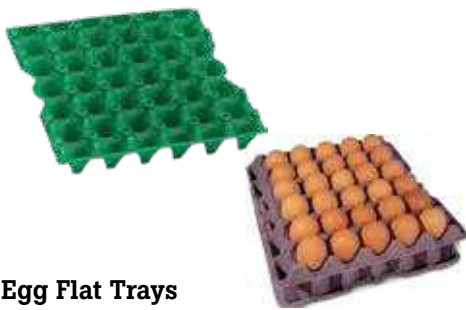
## DRIVE SYSTEM

A 24 volt gear driven motor provides plenty of power to transport up to 500 lbs. The gear box is equipped with a disengage lever, allowing the unit to easily be pushed in the event of a dead battery. The wheels are constructed of tough, easy rolling polyurethane.



## BRIDGE KIT

Dropping brood curtains takes seconds with this no tools required design. Simply remove the bridge and flip the stop tube in place on top of the rail.



### Egg Flat Trays

- Heavy-Duty Plastic Tray: Holds 30 eggs, 11-1/2" x 11-1/2", priced each
- Cardboard Egg Flats: Sold in bundles of 140

#52527..... Plastic Trays

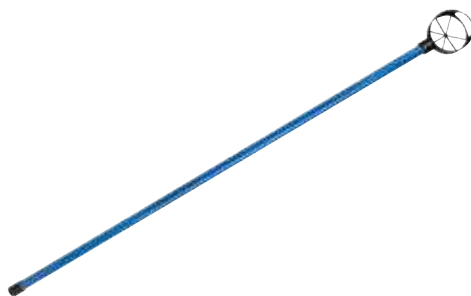
#521105..... Cardboard Egg Flats



### Plastic-Coated Egg Basket

Sturdy wire basket with plastic coating to prevent damage to eggs. Plastic coating is not affected by detergents and prevents rust from marking eggs during washing. 8-5/8" high x 14-1/8" dia. Holds up to 15 dozen eggs.

#52511..... Plastic-Coated Egg Basket



### Egg Scoop

39" metal handle with plastic scoop

#HSH105..... Egg Scoop



### Electro Sampson Hanging Scale

- Switchable between pounds and kilograms
- Includes carrying pouch, handle and 9v battery
- LCD display

#ES10..... Electronic scale



### Bostitch C Ring Pliers

#DP7..... for 11/16" Rings

#### ⚠ WARNING:

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### Egg Cleaning Brush and Sanding Bands

#52525..... Individual Replacement Sanding Band for Egg Cleaning Brush (each)

#52524..... Egg Cleaning Brush for Sanding Bands (each)



### Tub O' Towels Heavy Duty Wipes

Nine powerful cleaners in one tough wipe. Cleaning solution is 100% biodegradable with pleasant citrus fragrance.

#TW90..... 90 count / (10" x 12" Wipe)

#TW40..... 40 count / (7" x 8" Wipe)



### Jiffy Way Egg Grading Scale

- Gravity-operated scale
- Vintage metal design
- Weighs in both grams and ounces

#525201..... Gravity scale



### Hog Ring Pliers Kit

Pliers feature a spring-loaded magazine feed and one-hand operation with rubber grips. Kit includes DeWalt P7 manual hog ring pliers and (1000) 11/16" galvanized hog rings.

#P7DW..... Pliers and 50 Rings

### A) Crescent Pocket Plier

- 4-1/2" long
- Single dip handle
- 1-5/6" to 4-1/2" capacity
- Corrosion resistance black oxide finish
- 1 lb. weight

### B) Pocket Channellock

- 4-1/2" long
- Cushion grip
- 3-adjustments
- 1/2" capacity
- Electronic coating
- 3.68 oz weight

A) #24978..... mini tongue and groove plier

B) #12111..... mini channellock

#### ⚠ WARNING:

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### Tub O' Scrub Heavy Duty Hand Cleaner

Tub O' Scrub™ heavy duty hand cleaner removes grease, oil and tough grime from hands without the use of water. No petroleum distillates.

#TS18..... 10 oz bottle



### Scale Shackle

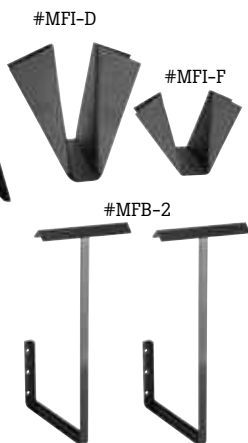
- Metal with rubberized clamp

#BDSHL..... for hanging scales





#MFB-10



## Lastik Plastic Migration Fence System

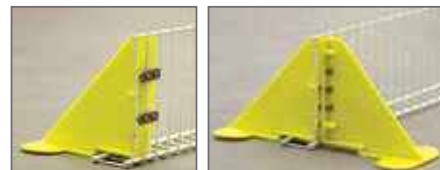
- 100% plastic construction
- Self supporting
- 9'4" long by 16" high

#MFB-10.....	Plastic Migration Fence
#MFB-2.....	Wall Hanger
#MFI-D.....	Drinker Line Insert
#MFI-F.....	Feed Line Insert

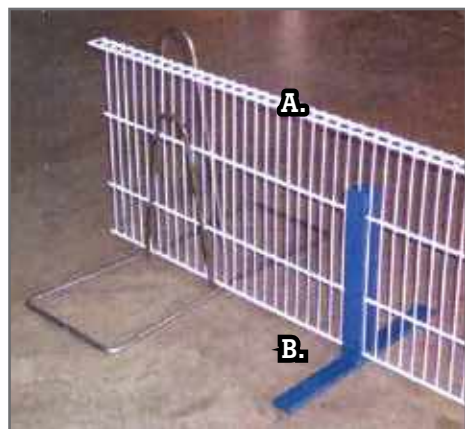


## Migration Fence Stand

- Can permanently attach to migration fence
- High visibility
- Economical alternative to more expensive methods
- Can be attached back-to-back or staggered

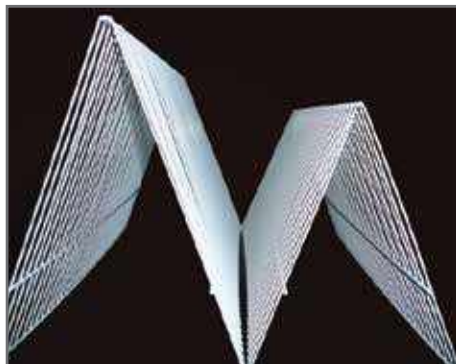


#HSMF-S.....	Migration Fence Stand
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## Migration Fence

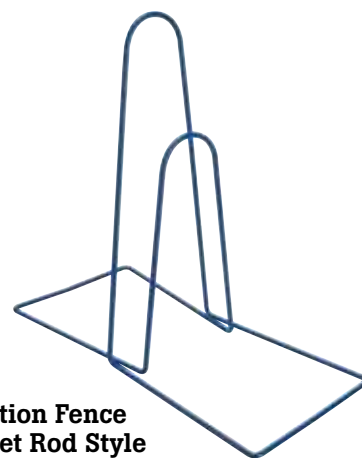
A) #HSMF1 .....	Coated, 1" spacing, 16" x 12'
#HSMF12 .....	Coated, 1/2" spacing, 16" x 12'
B) #8010820100 .....	Peck board painted flat metal



## A-Frame Migration Fence

- 12' long x 12" high
- 1/2" spacing

#17320-12 .....	A-Frame Migration Fence
-----------------	-------------------------



## Migration Fence Bracket Rod Style

- 2" opening
- Painted finish

#HSH062 .....	Migration Fence Stand, Rod Style
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### WARNING:

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## Dial Thermometer with 36" probe

Ideal for compost piles.

#T300-36.....	Dial thermometer
---------------	------------------



## Plasson Migration Fence

- Open design maintains proper airflow.
- Two connector lengths create gaps for feeding and drinking lines

#DI02353163.....	24"x16" fence w/ 2 short connectors
#DI02353161 .....	Short connector
#DI02353162 .....	Long connector



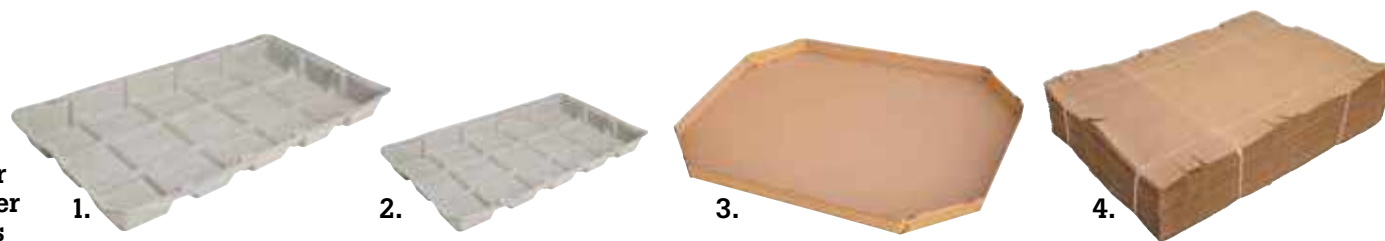
## Eureka Migration Equipment

Stand supports wire fence, folds flat for storage. Hoop connects wire panels and allows a clear path for feeder travel.

#HB8520 .....	Eureka stand
#HB8521 .....	Standard hoop kit
#HB8522 .....	Wide hoop kit



## Paper Feeder Trays



Item#	Description	Dimensions	Wt. Each	# Per Bundle
1) #521102-B-BUNDLE	Large Disposable Paper	21" x 12-3/4" x 1-3/4"	.21 lbs	100
2) #521102-BUNDLE	Small Disposable Paper	19-1/2" x 11 3/8" x 1-3/4"	.19 lbs	100
3) #HSFTC-01	Cardboard Oversized	44" X 34" X 1.75"	-	1
4) #521194	Paper inserts for feed lids	16" x 22"	-	400

## Pur-Clear Feeder Tray

Disposable, clear plastic feeder trays attract chicks to feed faster. May reduce feed loss from Darkling beetles.



#521102-CLR	19-1/4" x 11-3/4" x 2"
#521102-CLR-BUND	19-1/4" x 11-3/4" x 2" - 200 Pc. Bundle
#521103-CLR	48" x 48"
#521104-CLR-BUND	14" x 21" x 2" - 200 Per Bundle

## Premium Feeder Trays



Item#	Dimensions	Wt./lb	Thickness
HS797	14.28" x 22.28" x 2"	1.0	.160

## Standard Feeder Trays



Item#	Dimensions	Wt./lb	Thickness
521102-BPL	13" x 21" x 1-3/4"	.4	.036

## Economy Feeder Trays



Item#	Dimensions	Wt./lb	Thickness
52110A	13" x 21" x 2"	.40	.031

## Brooder Guard



#52116	Brooder Guard 12" x 250'
#52115	Brooder Guard 15" x 250'
#52117	Brooder Guard 18" x 250'

## Feather Feeder

5 gallon size feeder with 25 lb. feed capacity. High-density green polyethylene pan is excellent for starting chicks and young poultry. Stackable design for easy storage with patented lock-on base



#52105	Feather Feeder
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## Feeder Paper

- Gray
- Composed of recycled paper

#521180	3' x 750'
#521189	1' x 750'



## Water Line Paper

- 1' x 2500'
- Specialty tissue grade
- Tan/ white (color may vary)



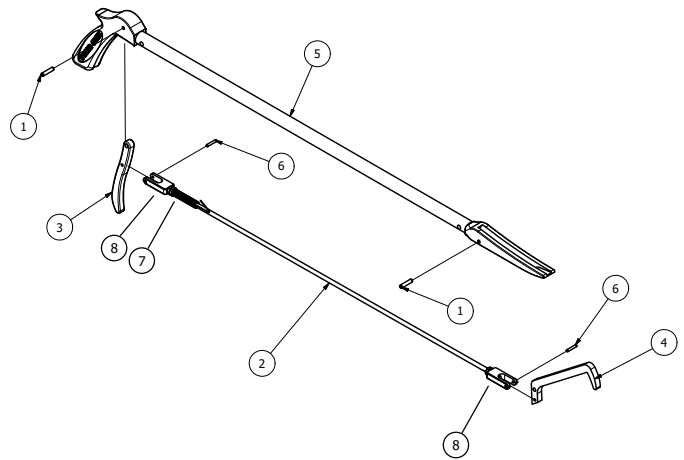
#521196	Water Line Paper
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## Tong-Stik

Tong Stik is the heavy-weight pick-up tool designed rugged enough for farm use!

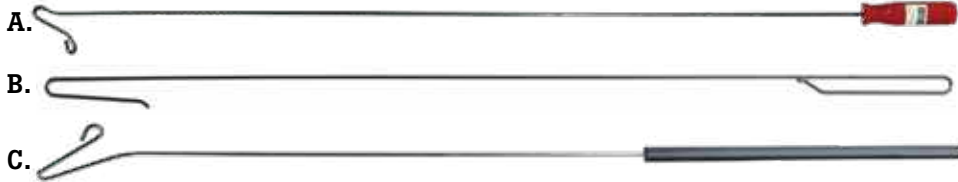
#HS549-36.....	Tong Stik 36" long
#HS549-30.....	Tong Stik 30" long
1) #608050.....	1/8" x 3/4" roll pin
2) #HS549-52.....	Rod Linkage - 30"
#HS549-15.....	Rod Linkage - 36"
3) #HS549-17.....	Trigger Tong Stik
4) #HS549-18.....	Jaw Movable Tong Stik
5) #HS549-54.....	Frame 30" Tong Stik
#HS549-20.....	Frame 36" Tong Stik
6) #608051.....	3/16" x 3/4" roll pin
7) #HS549-19.....	Spring
8) HS549-14.....	Linkage adaptor
NA) #HS549-9.....	Rivet



**Go to [www.hogslat.com](http://www.hogslat.com) to view a demo video!**

### ⚠ WARNING:

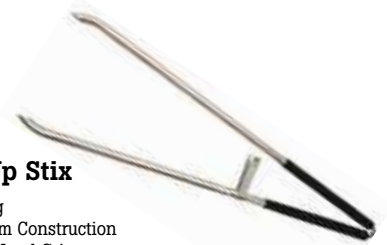
\*This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## Fowl Catchers/Chicken Hooks

A) #52122.....	Fowl Catcher, 48-3/4" long, , 4-1/2" plastic red handle
B) #27100.....	Heavy duty rooster/turkey hook, 53" long
C) #HH-012.....	Chicken hook, 45-1/2" long, plastic gray handle

**⚠ WARNING:** This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## Pick-Up Stik

- 30" Long
- Aluminum Construction
- Rubber Hand Grip

#G2928..... Pick-Up Sticks

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## Unger Nifty Grabber

- Aluminum construction
- Jaws include 14 rubber finger grippers.
- 36" long
- 4-1/2" wide jaws

#979-2532..... 36" long

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



#AIMD

## G4 Dot Reacher

- Aluminum construction
- Replaceable pads
- Ergonomically-designed trigger and soft-grip handle

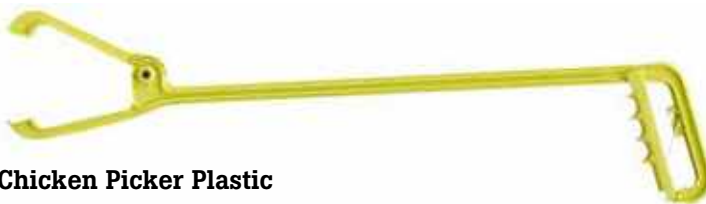
#AI32S..... G4 Dot Reacher - 32" Long

#AI40S..... G4 Dot Reacher - 40" Long

#AIMD..... Metal Replacement Disc

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## Chicken Picker Plastic

- All plastic construction
- Spring loaded handle

#52063..... Chicken Picker (Plastic)

#IS1010..... Replacement Spring

#AMT27308..... Replacement Jaw

#IS1012..... Replacement Handle



## Trash Gator

- Aluminum shaft
- High impact plastic handle
- Rubber coated jaws

#AI3033..... Trash Gator - 33" Long

#AI3340..... Trash Gator - 40" Long

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## Gorilla Tape

Gorilla Tape offers over-the-top results with its heavy-duty, double-thick duct tape. Made to stick to rough, uneven, unforgiving surfaces like wood, stone, stucco, plaster, brick and more.

#6025002	White, 1.88" x 30 yd. roll
#106425	Black Wide, 3" x 25 yd. roll
#6027003	Clear, 1.88" x 27' roll
#105629	Black 30 yd. roll
#6010902	Camo, 1.88" x 9 yd. roll
#6004002	Blaze orange, 1.88" x 35 yd. roll
#6025302	White wide, 3" x 25 yd. roll



## Gorilla Tape Patch and Seal

Gorilla Waterproof Patch & Seal Tape instantly seals out water, air, and moisture. With an extra thick adhesive layer and UV resistant backing this tape conforms to form a permanent bond indoors and out. At 4" wide use it to patch holes, cracks, gaps and tears, even underwater. Excellent for Home, Auto, Marine, Camping, RVs, Outdoors, and more!

#4612502	Waterproof 4" X 10' Roll
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## Gorilla Glue

The product that started it all, Gorilla Glue, is known for its industrial holding power and versatility, regardless of the substrate. Easily bonds wood, stone, metal, ceramic, foam, glass and more!

#50002	Gorilla Glue 2 oz. Tube
#50004	Gorilla Glue 4 oz. Tube
#50008	Gorilla Glue 8 oz. Tube



## Flex Tape

Powerful adhesive with a thick, flexible rubberized backing that conforms to virtually any shape and surface, even underwater. Gets stronger with time and pressure. UV resistant, VOC-free, withstands extreme temperature and weather conditions.

#3330347	4" wide x 5', black
#7189640	8" wide x 5', white
#9319377	4" wide x 5, white

## Rescue Tape

### The ORIGINAL Self-Fusing Silicone Tape

It's 6 o'clock on a Saturday and you're already late. You walk through the houses and oh, no! A leak in a water line. What do you do? **Reach for Rescue Tape!**



Feed Line

- 950 psi Tensile Strength
- Waterproof & Airtight
- 1" x 12' Roll



#RT1001	Black
#RT1002	Red
#RT1004	Clear
#RT1005	Yellow
#RT1006	Blue
#RT1007	Green
#RT1008	Orange



## Jake's Wire Tighteners™

In less than one minute you can tighten your fence wire with this simple wire tightening clip. Jake's Wire Tighteners™ work together with a turning tool to give leverage when applied to your fence.

#JWT001	1/4" Standard, 20ct
#JWT002	5/16" Heavy Duty, 15ct
#JWT003	Handle Wire Tightener

### ⚠ WARNING:

This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## Shocker Line Charger

Low impedance model delivers an effective jolt even in the presence of litter and debris. 120 volts with .10 joule output. 2-year warranty.

#DE-60	Line charger
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## Shocker Line Charger

Delivers a non-pulsing continuous voltage charge. 120 Volts.

#PG-50	Continuous line charger
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## Stop Roost Spinner

The Stop Roost Spinner is designed for retrofit applications allowing the electricity to be disconnected from the shocker wires. This eliminates the problem of stray voltage at the nipples.

#ISSRS-22	22" rod for shocker wire
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#LX-1112

#LX-1100

## Lumex Grease Products

#LX-1902



#LX-1152



- #LX-1100.....Gun Grease Utility Grade  
 #LX-1112.....Gun Grease Standard Grade  
 #LX-1152.....Gun Grease Pistol Grip Deluxe With 18" Flex Hose  
 #LX-1203.....Hose Grease Gun 18" 1/8" NPT 4500PSI  
 #LX-1401.....Coupler Grease Gun w/ Hex 1/8" NPT  
 #LX-1902.....Grease Multi-Purpose Lithium 14oz. Cartridge

**WARNING:** This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Chain & Gear Oil



- #4F979.....Gear oil, 32 oz., SAE 80W-90  
 #4ZF30.....Synthetic oil, 32 oz., SAE 140  
 #HS450.....SAE 80W-90, 15 oz., for auger gear heads

## WD-40® Smart Straw



- #60008.....WD-40 11 oz. Smart Straw

## AeroKroil



- #AEROKROIL.....16 oz. Spray Can

## Fluid Film



- #60007.....Fluid Film, 11-3/4 oz. aerosol can

## PB Blaster



- #4LRF8.....PB Blaster 11 oz. Aerosol Can  
 #4LRF9.....PB Blaster 1 gal. Liquid Can

## Liquid Wrench



- #HE556650.....Liquid Wrench, 11 oz. aerosol can  
 #6349988.....Silicone spray, 11 oz. aerosol  
 #8461675.....White lithium grease, 10.25 oz aerosol  
 #G3897763.....White lithium grease, 8 oz. tube

## O-Ring Silicone Lubricant



- #1RGZ6.....2 oz. squeeze bottle for medicator repair

## Permatex



- #HH20220547.....8 oz. Anti-Seize Lubricant

## Loctite



- #4KM46.....8 oz. Anti-Seize Silver Lubricant

## Rubber Tarp Straps

Erickson natural rubber tarp straps. Subtract 3" from total length to calculate rubber end-to-end measurement.

**SAVE WHEN YOU BUY 10 OR MORE.**

- #06711.....13"  
 #06712.....18"  
 #06713.....24"  
 #06714.....34"  
 #06715.....44"



#DRY0035



#DRY0030



#DRY0020



#DRY0015



#DRY0005



## Interstate Batteries

Item#	Type	Description
DRY0035	AAA	Alkaline, 4-pack card
DRY0030	AA	Alkaline, 4-pack card
DRY0020	D	1.5 V, Alkaline, 2-Pack
DRY0015	C	1.5 V, 2-Pack
DRY0005	9V	Carded (1 battery)

### WARNING:

This product can expose you to chemicals, including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

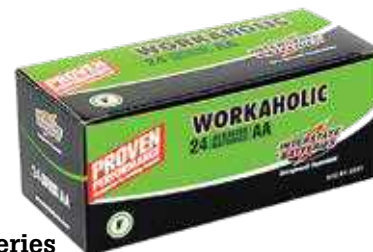


## Interstate Workaholic Batteries

Item#	Type	Description
DRY-0075	AAA	Alkaline, 24-pack box
DRY0074	AA	Alkaline, 600-pack tray (30 pkgs)
DRY-0070	AA	Alkaline, 24-pack
DRY-0080	C	Alkaline, 12-pack
DRY-0085	D	Alkaline, 12-pack
DRY0110	AAA	Alkaline, 600-pack tray
DRY0196	9V	Alkaline, 12-pack box

### WARNING:

This product can expose you to chemicals, including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)





### Smoke Emitters

Non-toxic and has the same density as air, so that it is possible to observe true air movements. The smoke has a particle size of 3- 2.5 microns. The smoke cartridges produce a generous amount of smoke, which is emitted at a constant rate to help with the identification of flow patterns. Smoke color is white and they are packaged 10 per box.

Item#	Burn Time	Smoke Volume	Size
#REG102	45 sec.	150 cu. ft.	1.25" x .55"
#REG103	90 sec.	600 cu. ft.	1.259" x .708"



### RAE Ammonia Detection Kits

Ammonia levels above 25ppm can affect chick performance and have effects on bird health. Now you can know exactly what your ammonia levels are! Each tube can measure ammonia levels in multiple houses when used properly to save money.

- #AIR71040 .....Hand Pump Only (includes case)
- #AIR01500 ....Ammonia Tubes 5-100ppm (10 pack)



### Portable Infrared Thermometers

- #RAYMT4 .....Portable Infrared
- #RW-5002 .....Economy Infrared
- #RW-5004 .....Infrared w/Laser & Case



### Digital 4-in-1 Meter

Measure air flow, humidity, temperature and light in one meter.

- #LM8000A .....Digital 4-In-1 Meter



### Kestrel Wind Meters

Durable and waterproof, Kestrel handheld measuring devices are excellent tools to check ventilation in tunnel houses. Each meter includes a hard slide-on case, lanyard, and battery. All models feature a replaceable impeller. The 2000 and 3000 models feature a backlit display for taking readings in dim light.

- #KESTREL1000 .....Kestrel 1000, Blue
- #KESTREL2000 .....Kestrel 2000, Green
- #KESTREL3000 .....Kestrel 3000, Red
- #KESTRELO801 .....Impeller Replacement



### Heat Seeker Mid-Range Infrared Thermometer

- 8:1 Distance-to-spot (D:S) ratio
- Rugged, ergonomic design for general purposes
- Wide measurement range
- $\pm 2\%$  Basic accuracy
- Backlit LCD display
- Switchable on/off laser pointer
- $^{\circ}\text{F}$  or  $^{\circ}\text{C}$  selectable
- CE, RoHs, WEEE approved

- #IRT207 .....Mid-Range Infrared Thermometer



### Wide Range Infrared Thermometer

- Wide measurement range of  $-40^{\circ}$  to  $1076^{\circ}\text{F}$  ( $-40^{\circ}$  to  $580^{\circ}\text{C}$ )
- Accuracy of  $\pm 3^{\circ}\text{F}$  ( $2^{\circ}\text{C}$ ) or  $\pm 5^{\circ}\text{F}$  ( $3^{\circ}\text{C}$ ), depending on temperature
- Large (1.6 in. diagonal) backlit LCD
- Includes Star Burst Laser and carrying case
- 12:1 Ratio

- #IRT657 .....Wide Range Infrared Thermometer



### Infrared Thermometer Energy Audit Scanner

- Light/sound alerts for temperature differences
- 0.5 seconds response time
- Star Burst laser targeting system
- Large backlit LCD
- Automatic temperature hold upon trigger release
- Auto-power off after 60 seconds of inactivity
- 8:1 Ratio

- #IRTC50 .....Infrared Thermometer



### Non Contact Laser Tachometer

- Measure fan blade RPM's, compare efficiency and easily check fan belt and pulley condition
- Jumbo 5-digit LCD display
- Auto ranging
- Wide measuring range
- Laser precision
- Memory: Min/Max/Last
- Includes reflective tape and case

- #LT2234C .....Non Contact Laser Tachometer

## Agita 10 WG

Water-soluble spot spray for the control of Darkling beetles and house flies. Apply with standard liquid spray applicator around the outside perimeter of animal housing. Average residual of 6 weeks.



#062584 ..... 2.2 lbs

## Zetagard Insecticide

**Contains:** Zetacypermethrin and is synergized with Piperonyl Butoxide

**When to use it:** ZetaGard LBT is an advanced dust treatment for control of darkling beetles (lesser mealworm) in poultry litter in chicken broiler and turkey growout houses. This potent formulation provides excellent control of hard to kill darkling beetles including those resistant to other pesticides including certain pyrethroids.

**How to use it:** Recommended application rate of 50 lbs. per 20,000 sq. ft. Sold in 12.5 lb. bags. 4 bags per pail.



#YTX33 ..... Zetagard Dust (Y-TEX)

## Bifen I/T Insecticide

Used to prevent and control termites, fire ants, and many other insects that cause structural damage. This 1 gallon container has 7.9 % bifenthrin as its active ingredient. Use as directed.



#52499 ..... Bifen I/T Bifenthrin 7.9% 1 gal. Jug

## Taurus SC

TAURUS® SC is a water-based suspension concentrate of 9.1% Fipronil that controls a wide variety of insect pests. Taurus SC is a non-repellent insecticide/termiticide that is undetectable to target pests, allowing them to touch, ingest and spread the insecticide throughout the entire colony.



#099740 ..... 78 oz bottle

#376019 ..... 20 oz bottle

## Bengal Foaming Wasp & Hornet Spray

A water based, synthetic pyrethroid foaming spray that kills on contact.

- Non-staining on most surfaces
- Kills returning insects
- Foam trapping spray
- Up to 25' jet spray



#MH15240 ..... 18 oz can

## Country Vet Flying Insect and Air Freshening Kit

A dual purpose kit for the farm and home. Fully automatic insect control for flies, mosquitoes and moths. Fully automatic air freshener for fragrance and odor control. 30 days of 24-hour fragrance and flying insect control. Designed with solid state circuitry and a 15-minute setting for optimum performance. 6 per case.



#01-006 ..... 30-day metered air freshener kit

#01-008 ..... Dispenser only

## Country Vet Refills

Refill cans for Country Vet automatic dispensers.

#01-001 ..... Clean 'N Fresh air freshener

#01-005 ..... Fly spray

#01-33-4701CVCA ..... Dutch Apple Spice



## Enforcer Wasp & Yellow Jacket Foam

- Fast-acting, blanketing foam traps and kills on contact.
- Water-based formula is non-staining.
- Jet blast up to 22 feet.
- For outdoor use only. 16 oz can.



#FHW16 ..... Enforcer Wasp & Yellow Jacket Foam

## No Natz Spray

- Repels Gnats & Biting Flies
- Botanical
- Pleasant Fragrance
- Contains NO DEET



#NN20Z ..... 2 oz. size

#NN40Z ..... 4 oz. size

## Prozap® LD-44Z Insect Fogger

- LD-44Z Insect Fogger quickly knocks-down and kills flying and crawling insects.
- Contains 0.5% Pyrethrin and 4% PBO.
- Controls flies, mosquitoes, wasps, gnats, lady Asian beetles, roaches, spiders, plus 19 other flying and crawling insects.
- For use in barns, milk rooms, parlors, stables, kennels and other buildings.



#1453510 ..... 20 oz can

## Prozap® LD-44T Fly Spray

Refills for the ProMist® Metered Dispenser.

- Contains 1% Pyrethrins, 2% PBO and 3% 264.
- 6.5 oz can lasts up to 30 days in the Pro-Mist® Metered Dispenser.
- Covers 6,000 cubic feet of space.



#0073010 ..... 6.5 oz can

## Prozap® ProMist® II Dispenser

- For use with Prozap® LD-44TMM Metered Insecticide
- Features power switch display, 24 hour or day only operation and three spray interval selection; 7.5, 15 or 30 minute intervals
- When set at 30 minute intervals will provide up to 30 days of coverage per refill.
- Uses (2) "D" size batteries. Not Included.



#CT89500 ..... ProMist® II Dispenser only

#CT89500KIT ..... Kit includes Dispenser and LD-44T Fly Spray





### Annihilator™ Polyzone®

Broad-spectrum premise spray provides residual insect control for up to 90 days. Uses technology that binds active ingredient to surface and slowly releases over time to achieve extended control.

- Active ingredient - 4.74% deltamethrin
- .06% treatment rate is 10,666 sq. ft.
- 1 pt. bottle

#BAY82020.....Annihilator™ Polyzone®



### CyLence Pour-On

The Bayer CyLence Pour-On Insecticide is for direct animal use on beef cattle, and lactating and non lactating dairy cattle. Active ingredient 1% cyfluthrin, a pyrethroid, controls horn flies, face flies, biting lice and sucking lice.

#BAY713590 ..... 1 Pint



### Tempo® 1% Dust Insecticide

- Provides effective pest control and easy application
- Requires no mixing equipment; non-corrosive, little to no odor
- Available in 40 lb. bucket containing four 10 lb. sleeves
- 0.5 to 1 lb. treats 1,000 sq. ft. facility

#TEMPODUST .....Tempo 1% Dust Insecticide



### Tempo® SC Ultra Premise Spray

- Fifth-generation pyrethroid containing 11.8% beta-cyfluthrin
- Strong insecticidal activity in a stable, suspension-concentrated liquid
- Available in 240 ml container
- 8 to 16 ml per 1 gal. of water treats 1,000 sq. ft. facility

#TEMPOBOTTLE ..... Tempo SC Ultra Premise Spray



### QuickBayt® Fly Bait

- Scatter bait formula in 5 lb. pail
- Remains effective for up to four weeks
- 6 oz. treats 1,000 sq. ft.

#BAY066399 ..... 5 lb. pail

#BAY8731627 ..... 35 lb. bulk pail



### QuickBayt® Spot Spray

The proven fly-killing power of QuickBayt Spot Spray is now available in convenient 24 fl. oz. spray bottle. Just add water and you're ready to attract and kill flies on any surface. Spot Spray is convenient and easy to apply, is powerful and long-lasting and can be used indoors or out.

#BAY81147923 ..... 3 oz. in a 24 oz. bottle



### QuickBayt® Spot Spray

- Simply mix with water and spray where needed
- Treats places conventional granular baits can't reach
- Provides up to six weeks of protection indoors
- An effective spot size is 4 sq. ft.
- 1 lb. container treats 1,000 sq. ft. of fly-resting areas

#BAY08968805 .....QuickBayt® Spot Spray



### Credo®

Specifically formulated for the poultry industry to control Darkling beetles in the larvae and adult stages. Use in rotation with Tempo to prevent build-up of chemical resistance by insects. Credo® SC is the original formulation containing 42.8% Imidacloprid.

#BAY80511249 ..... 30 oz. bottle



### Tempo® SC Ultra

For smaller applications and single dose needs.

#BAY80694254 ..... 32 ml bottle



### ProZap Insectrin X Concentrate

- Contains 10% Permethrin
- Mix with water or mineral oil
- For use as a dilution spray, spot treatment, or in a back rubbing devices.

#1037510 ..... 32 Oz.



### Beetle Shield™ 6

Beetle Shield™ 6 is a ready-to-use poultry insecticide dust. Controls darkling beetles, northern fowl mites, chicken mites and lice. Can be used for banded applications. No withholding period from last application to slaughter. Coverage is 100 sq. ft./ 1.4 to 4 oz. Active ingredient is tetrachlorvinphos 6.0%.

#56208 ..... 4) 10 lb. sleeves



### Permethrin SFR

36.8% active ingredient for fast knockdown and long-lasting 90 day residual treatment in and around animal housing.

#41008 ..... 1.25 gal container

# LEVEL UP YOUR FLY CONTROL



Understand the three levels of fly activity for more effective control

Flies on hog or poultry farms are more than a nuisance; they carry diseases that can pose a severe health hazard to people and animals. Fly control is a basic component of biosecurity in hog and poultry houses.

Given the housefly's seven-day life cycle and the almost perfect environment conditions livestock and poultry facilities provide, wonder populations can increase rapidly. Effective fly control

## Scan to read the full article



## IN, ON & AROUND

### Pyronyl™ Crop Spray

A broad-spectrum insecticide for use in dairy, livestock and poultry operations, Pyronyl™ Crop Spray is an insecticide formulated for surface spraying, misting systems and on-animal uses.



#100208914 ..... Spray Crop Quart  
#100208915 ..... Spray Crop Gallon

## LOW-LEVEL

### Golden Malrin® Fly Bait

The standard in fly baits for over 30 years, Golden Malrin® bait attracts and controls nuisance flies right down to the last grain of bait. The Golden Malrin® Fly Bait two-phase action knocks out nuisance flies quickly and effectively. First, Muscamone® fly attractant draws flies in. Then, as they feed on the sugar-based bait, the active ingredient methomyl delivers the final blow, killing flies after ingestion. Golden Malrin® bait can be applied directly from the container or placed into a bait station such as the Starbar® Fly Bait Station. Cannot ship to New York or Indiana.



#SB8040 ..... 40 lb  
#100527078 ..... 10 lb can

### Starbar® Cyanarox™ Insecticidal Bait

For controlling house flies, it is both highly attractive and highly effective, resulting in quick knockdown.



#100535456 ..... 4 lb bucket

### QuikStrike® Fly Abatement Strips

The QuikStrike® Fly Abatement Strip is specially designed to control nuisance flies. Flies are instinctively drawn to its curved design created to facilitate fly feeding. QuikStrike® Fly Abatement Strip has a large exposed surface area for flies to feed on and a unique active ingredient that kills flies in seconds. A triple-action attractant draws flies to the strip where they feed on a sugar-based active ingredient coating. The QuikStrike® Fly Abatement Strips are ideal for use wherever nuisance flies are a problem.



#25100D ..... Quik Strike Fly Abatement Starbar

### QuikStrike® Fly Bait

Granular bait that controls house flies quickly and stands up to pyrethrin resistance using the active ingredient dinotefuran.



#100508298 ..... 5 lb can

## MEDIUM-LEVEL

### Starbar® Fly Bait Station

Scatter baits are an effective and economical fly control method for areas with high fly populations. Flies

are drawn in by the powerful attractants and die rapidly after feeding on the bait. The Starbar® Fly Bait Station makes the use of scatter baits easy by reducing the associated mess and exposure concerns due to spreading the bait over the open ground where children, pets and livestock may come in contact. Simply use one ounce of product per bait station.

#3006166.....Fly Bait Station for Scatter Baits Starbar



### Bite Free™ Stable Fly Trap

Scientifically proven to help effectively trap stable flies, Bite Free™ Stable Fly Traps contain no insecticides and are economical and easy to use. Bite Free™ Stable Fly Traps hold more flies than other sticky traps with no fly trap odor. Its compact size offers a 360° trapping surface that holds several thousand flies. When the trap is full just throw it away. Bite Free™ Stable Fly Traps have a special weatherproof adhesive that won't melt or wash away.

#3005363.....Bite Free Stable Fly Trap Starbar



### FlyRelief™ Trap

Recommended for perimeter use, FlyRelief™ trap catches thousands of flies. Insecticidefree, FlyRelief™ trap disposable fly traps come with built-in attractant and are excellent for use around pets, in the yard, kennel and garbage containers. Giant FlyRelief™ trap catches twice as many flies as the FlyRelief™ trap.

#100503132.....Standard Fly Relief Fly Trap Starbar

#100504346.....Giant Fly Relief Fly Trap Starbar



### Fly Trap Attractant Refill

An exclusive formula that contains four different attractants flies can't resist in a water soluble pouch format. It can be used with Fly Terminator® Pro, Captivator® Fly Trap and other reusable water-based traps. Each package contains eight 30 gm. water soluble pouches.

#57102.....Fly Trap Attractant Refill



### Milk Jugg™ Trap

Turn ordinary plastic jugs into effective, insecticide-free fly traps and catch over 35,000 flies economically with an exclusive attractant flies can't resist. It's easy to use, just add water and the attractant to a one-gallon milk jug and pop on the specially designed reusable top.

#3002613.....Milk Jugg Fly Trap Starbar



### Trap 'n Toss™ Fly Trap

This handy, disposable fly trap can be hung up or set down wherever flies are a problem. Trap 'n Toss™ Fly Trap includes a special attractant that contains multiple feeding stimulants plus a fly sex attractant. Just squeeze it in and add water. Trap 'n Toss™ Fly Trap holds thousands of flies and can be simply thrown away when full.

#14624.....Trap'n Toss Fly Trap Starbar



### Captivator® Fly Trap

Captivator® Fly Trap, the heavy-duty, reusable and economical plastic jar comes complete with 1 tube of attractant. Just squeeze attractant into a jar and add water. Captivator® Fly Trap's one-way entry system keeps flies in the trap and its 2-quart capacity means minimal maintenance.

#14680.....Captivator Fly Trap Starbar



## HIGH-LEVEL

### Lure Fly™ Trap

Lure-Fly™ trap is a super sticky fly paper that effectively attracts flies. It's a disposable fly ribbon that contains no insecticides. Easy to hang and even easier to use, Lure-Fly™ trap is economical fly control

#45200.....Lure Fly/Revenge Ribbons Starbar



### Starbar® EZ Trap

EZ Trap® Fly Trap has a unique, compact design which offers a large trapping surface that can be used indoors and outdoors with no harmful chemicals. EZ Trap® Fly Trap is insecticide free and odor free.

#3004323.....EZ Trap 2-Pack



### Fly Stik™ Jr. Trap

Sticky fly trap sticks that can be used indoors or outdoors. Fly Stik™ Jr. fly trap at 12 inches contains no insecticides and is odor-free. Great for use in and around barns, stables, corrals and homes.

#100503350.....12" Single Stick Fly Trap Starbar





## Pest Control



### Rozol

Rozol Blue Tracking Powder is formulated with chlorophacinone, a multi-feed anticoagulant invented by Liphatech. Apply into rat burrows along the periphery of buildings, in patches along rodent runways, and in spaces between floors and walls.

#LT87510 ..... 10 lb. pail



### Soft Bait

FastDraw™ Soft Bait is a revolutionary concept in rodenticide technology from Liphatech®. It contains the active ingredient Difethialone, food-grade grains and oils, and has a unique no-wax formula. FastDraw™ pouches combine the bait integrity of mini-blocks with the money-saving, targeted dosing, of place packs. It is effective even in areas of infestation where competing food sources exist. Why wait for rodents to accept OTHER baits? Draw a following of rodents with FastDraw™. .35 oz. pouch.

#LT82908 ..... 8 lb. pail, 367 pouches

#LT82916 ..... 16 lb. pail, 734 pouches



Hombre™ contains difethialone, a singlefeed anticoagulant that is the newest active ingredient in the animal health industry. It is so advanced its lethal dose is lower than any other product on the market. With less active ingredient, more food quality grain and an attractive odor, Hombre™ is significantly more palatable than other baits.

### Mini-Blocks - .75 oz

#LT82804 ..... 10 lb. pail, 225 mini-blocks

#LT82801 ..... 20 lb. pail, 450 mini-blocks

### Pellet Place Packs - .9 oz

#LT82831 ..... 11 lb. pail, 200 packs

### GUNSLINGER™

Gunslinger™ is Liphatech's® newest rodenticide and is made with the active ingredient Bromethalin. Gunslinger™ is an effective addition to a rodent control baiting program since it has a different mode of action. Plus, rodents stop feeding after eating the lethal dose, saving bait. More rats and mice can be controlled with less bait. Bromethalin disrupts oxidative phosphorylation in the central nervous system resulting in paralysis and death.

#LT83921 ..... 4 lb. pail, 130 mini-blocks

### DoubleTap™ Soft Bait

DoubleTap™ Soft Bait is the first and only chlorophacinone soft bait rodenticide in the Animal Health market. Add DoubleTap soft bait into your rotation, especially on farms where other active ingredients and bait formulations have been used for long time periods. It is a palatable, multiple-feed soft bait that effectively kills rats and mice. DoubleTap is for consistent everyday use – during light to heavy rodent activity

#LT87500 ..... 4 lb. bag



### Renegade

Renegade 20 gram mini blocks are an ideal maintenance rodenticide where crumbs and scatter are a concern. Formulated with difethialone (25 ppm), a second-generation anticoagulant. Renegade is formulated with mold inhibitors making the ideal bait for high moisture environments such as cool cells. Blue marker dye can be seen in droppings.

#LT87406 ..... 20 lb. pail, 454 blocks



### Soft Bait

Revolver™ soft bait provides the most palatable formulation of the most widely-used active ingredient, Bromadiolone. It is the single-feed solution when rotating to a Bromadiolone rodenticide in your biosecurity rodent control program. Revolver™ contains no-wax promoting quick feeding & results, in a low-cost per placement .42 oz. pouch.

#LT87400 ..... 8 lb. pail, 302 pouches

#LT87405 ..... 16 lb. pail, 604 pouches



Boothill™ contains Bromadiolone, a singlefeed anticoagulant that has a long history of proven efficiency. Superior palatability helps assure greater acceptance while preventing bait shyness. Available in a variety of effective formulation - mini-blocks, paraffinized pellets, and pellet place packs. Boothill™ is a perfect partner with Hombre™ in your rodent control program; different chemistry helps assure a high degree of effectiveness over time.

### Mini-Blocks - 1 oz.

#LT87315 ..... 10 lb. pail, 160 mini-blocks

#LT87360 ..... 20 lb. pail, 320 mini-blocks

### Pellet Place Packs - 1.5 oz.

#LT86204 ..... 14 lb. pail, 150 ct



### SOFT BAIT CANNON™ Soft Bait

Cannon™ by Liphatech is the world's first bromethalin soft bait and provides simple and effective control of rodents without mixing meal bait and pellets! Low cost 8 gram placement packs reduce waste and save you money. After consuming a lethal dose, rodents cease feeding which makes your baits last longer and the active ingredient, bromethalin, kills in 24-48 hours. The no-wax formulation does not melt in high temperatures and outperforms purple wax blocks. .28 oz. pouch.

#LT83904 ..... 4 lb. bag, 227 pouches



# Aegis Bait Stations

- Bait placed in the feeding chamber cannot be touched by fingers or probes when the lid is fastened.
- Unique double-quartered locking barbs make the Aegis bait stations tamper resistant.
- Clear-lidded option makes monitoring quick and easy.
- Vertical and horizontal baiting rods in the Rat Station keep bait secure inside the station and away from moisture.
- Bait Stations can be attached to walls, posts or any permanent structure.
- Stations can be used both indoors and outdoors.
- RP model can be positioned vertically and is perfect for tight placements such as on rafters for roof rats.



## Mouse Stations

Aegis stations provide convenient placement flexibility for vertical or horizontal mounting. Design provides capacity for two block or soft-baits. Available in clear or black lid. Approximate Length 5-1/2", Width 4-3/8", Height (lid closed) 1-5/8".

- #LT83810.....Black lid  
#LT83811.....Clear lid



## Rat Station w/ Black Lid

Double-tunnel design improves rodenticide consumption. Heavy-duty polypropylene construction encourages rats to enter tunnel rather than chew through the plastic. Units contain bait trays making clean-out quick and easy. Length 13-9/16", Width 10-5/8" (including hinge), Height (lid closed) 3-1/2". Key lock.

- #LT83812.....Black body and lid



## Rat Station w/ Clear Lid

The clear lid, with transparent panel in cover, makes bait monitoring easy and efficient. Rotating hinge, won't crack or break when opened in cold weather. Vertical and horizontal baiting rods secure bait inside station and away from moisture. The universal key opens all Aegis products. Length 13-9/16", Width 10-5/8" (including hinge), Height (lid closed) 3-1/2".

- #LT83813.....Black body and clear lid



## Rat Bait Cool White

Cool white box reduces inside temperatures to increase rodent activity. Mounts vertical or horizontal for greater flexibility. Key Lock to prevent access from children and non-target animals. Length 13-9/16", Width 10-5/8" (including hinge), Height (lid closed) 3-1/2".

- #LT83814.....White cool box



## Aegis®-RP Bait Station (Non-Locking)

Excellent choice when tamper-resistant rat bait placement is not required. Versatile, allows rats or mice to access station. Low profile permits flexible mounting in tight locations (vertical or horizontal). Rotating hinge outlasts break away living hinged bait stations. 12-7/8" long; 7-7/8" wide (including hinge); 4" high (lid closed).

- #LT83861.....Black body and lid



## Aegis®-RP Bait Station (Locking)

The locking AEGIS-RP Bait Stations are ideal for use where tamper resistant placement of rodenticides is required. Versatile, allows rats or mice to access station. Low profile permits flexible mounting in tight locations (vertical or horizontal). Rotating hinge outlasts break away living hinged bait stations. 12-7/8" long; 7-7/8" wide (including hinge); 4" high (lid closed).

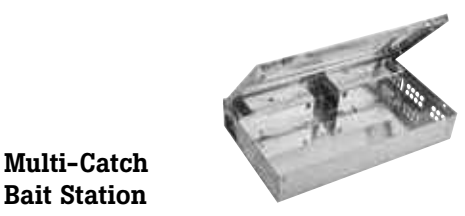
- #LT83860.....Black body and lid



## Tube Style Bait Station

Versatile bait station can be mounted sideways or even upside down to gates, fences and wall tops. See through openings allow rodents to see light and sense air movement. Includes J-shaped bait hook and hex key. 11" high x 15" long x 2-3/4" wide.

- #LU670007.....Tube style bait station



## Multi-Catch Bait Station

The multi-catch mouse trap allows users to catch multiple mice without re-setting the trap. The zinc plated metal trap features two doors, one on each side, that contain a "see-saw" type floor, allowing mice to enter, but not exit. Mice on the inside of the trap help attract others nearby, allowing several to be caught in a short period of time. Clear plastic window on the top door allows easy confirmation of a catch.

- #AGP420CL.....Multi-Catch Bait Station



## 10-inch Heavy Duty Tent Stake

Convenient steel spikes for anchoring bait stations penetrate the hardest ground.

- #8312.....10-inch Heavy Duty Tent Stake

**WARNING:**  
This product can expose you to chemicals, including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

# Tomcat Bait Stations



## Titan Weighted Bait Station

Ten pound, pre-installed brick holds bait station in place without stakes for faster cleaning and servicing. Perfect for use on concrete slabs such as bin pads and building interiors. Holds eight one ounce blocks and includes a removable tray.

#M-33496.....Weight bait station



## Vertical Bait Station

The station can be placed horizontally or vertically for a smaller footprint. Removable tray holds eight one ounce blocks for fast easy bait replacement and cleaning. Rear mounting holes for securing to fence or post. 9" W x 9" D x 4" H

#M-33446.....Vertical bait station



## Rat Station

Motomco's original Bait Station with keyless design. Features a "living hinge" that can be opened & closed over 100,000 times without breaking. Holds up to one pound of bait chunks. Includes horizontal and vertical bait securing rods.

#M-33456.....Black body and lid



## Low Profile Bait Station

The Tomcat LP (Low-Profile) Rat Bait Station has a maximum height of less than 3.5" and will fit in tight spaces or underneath locations where other stations won't fit. Includes Vertical or Horizontal bait rods and fits up to four, 1 oz bait chunks.

#M-33470.....Black body and lid



## Bullet Bait Station

The Bullet is an excellent, all-around station that features heavy-duty, durable construction for long-lasting use and a removable tray for easy cleaning. Single key design holds four, 1 oz bait chunks or snap trap.

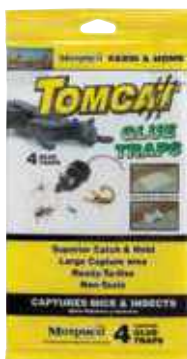
#M-33432.....Black body and lid



## Tomcat Refillable Station

Tomcat Rat Killer II Refillable Bait Station contains one Tier 1 refillable rat sized bait station with 15, 30 gm Bromethalin bait blocks.

#M-22814 .....Refillable station



## Glue Trap

4-pack of glue cards is coated with a powerful adhesive covered with special release paper. Non-toxic and pesticide free and can also be used for cockroaches, scorpions, spiders or other insect pests. Glue traps are 7.75" long x 5.25" wide.

#M-32509.....Weight bait station



## Glue Boards

Tomcat Glue Boards are one of the most widely used ways to control mice, insects or other household pests without the use of pesticides or toxins. Hypoallergenic and scented to attract rats and mice. Can also be used for snakes, cockroaches, scorpions, spiders, centipedes, or other insect pests. Tomcat mice glue boards are 4.5" long x 3.25" wide.

#M-32418 .....Vertical bait station



## Rat Traps

The Tomcat Reusable Rat Snap trap is a non-poisonous, pesticide free way to capture and remove rats or other rodent pests. Powerful snap trap can be easily set by hand or food. Patented interlocking teeth make it virtually impossible for rats to escape. Removable bait cup makes baiting traps easy and is compatible with many Tomcat Rat-sized Stations (Bullet, Rodent Station, Titan)

#M-33521 .....One pack

#M-33500.....Two pack





# Pest Control



## The most powerful single-feed anticoagulant for maximum control

JAGUAR® is tougher on rats and with the strongest single-feeding anticoagulant available – brodifacoum. JAGUAR® is especially successful in cleaning out tough mouse infestations or where resistance is suspected. Get guaranteed success with JAGUAR® tasty blend of more than 16 human food-grade ingredients.



- #M-31402 ..... Jaguar® Pellet Place Packs, 25 gram, 12 lb. pail  
 #M-31410 ..... Jaguar® Chunx, 20 gm, 9 lb. pail  
 #M-31418 ..... Jaguar® Chunx, 20 gm, 18 lb. pail



## A single-feed anticoagulant ideal for superior, long-term control of rats and mice

HAWK® can kill rats and mice in a single feeding with its powerful anticoagulant bromadiolone. Use HAWK® with confidence for unsurpassed control, even against warfarin-resistant "super rats". Rats and mice die in 4 to 5 days after eating just a single feed of HAWK®. A superior formulation makes HAWK® irresistible to rats and mice.



- #M-31218 ..... Hawk® Chunx, 1 oz., 18 lb. pail  
 #M-31270 ..... Hawk® Chunx, 1 oz., 9 lb. pail  
 #M-31155 ..... Hawk® Pellet Place Packs



## The fastest acting rodenticide and no secondary poisoning

RAMPAGE® contains bromethalin, a non-anticoagulant, which is the key component in the fight against resistance. RAMPAGE® provides sure, fast control in one to two days. Rodents also feeding after eating a lethal dose of RAMPAGE® eat less bait so there is no secondary poisoning if pets consume dead rodents.



- #M-22121 ..... RAMPAGE® Pellet Place Packs, 15 gm, 121 ct pail  
 #M-22249 ..... RAMPAGE® Bait Chunx, 4 lb. pail



## Rampage Meal Bait

Exclusive oat and grain bait formulated especially for livestock facilities with high rodent populations.

- #M-22925 ..... 12 lb. pail

## Agrid<sub>3</sub>

### The first and only rodenticide registered by the EPA for organic production

AGRID3 is the first and only rodenticide registered by the EPA for use in organic production. The highly palatable formulation uses the active ingredient cholecalciferol, an acute rodenticide capable of killing anticoagulant resistant rats and mice. AGRID3 has a unique mode of action that causes rats and mice to stop feeding after consuming a lethal dose, reducing the total amount of bait consumed, thus saving money. This same mode of action also gives AGRID3 a substantially reduced risk of secondary poisoning... making it excellent all-around bait.



- #M-23144 ..... Agrid3 Organic Chunx, 1 oz., 4 lb. pail

## ERAZE<sup>AG</sup> PELLETED BAIT

### Designed to be used as a cleanout bait during a building's down cycle

ERAZE™ is a economical choice to provide fast cleanout of rodent populations when other food sources are not present, such as the down time in confinement buildings between groups. ERAZE™ powerful active ingredient, zinc phosphide, kills mice, rats and gophers in a single teaspoon size feeding.



- #M-32545 ..... Erazé™ Loose Pellets, 5 lb. pail



## A multiple-feed anticoagulant for economical control of rats and mice

TOMCAT® is tougher than a barnyard cat for the control of rats and mice. TOMCAT® baits are manufactured with human food-grade ingredients and enhancers for a bait so palatable that rats and mice can't resist. Containing the anticoagulant dipacoinone, TOMCAT® is a multiple-feed bait that kills rats and mice in 4 to 6 days.



- #M-32345 ..... Tomcat® Pellets Place Packs, 10 lb. pail  
 #M-32446 ..... Tomcat® Chunxs, 1 oz., 9 lb. pail



## Tomcat® Liquid Concentrate

Each pouch mixes with one quart of water. Excellent way to supplement a rodent control program especially in hot, dry conditions.

- #M08140 ..... Box / 8  
 #M-32701 ..... 1.7 oz, pouch



## Hawk® Meal Bait

Highly palatable oat and grain formula effective when competing food sources are available.



- #M-31111 ..... 50 lb. pail  
 #M-31125 ..... 25 lb. pail

## Water Sanitizers

### PWT and PWT2

**Contains:** Specially processed Sodium Hydrogen Sulfate 91.5 to 94.7%, Sodium sulfate 4.8 to 8%, and proprietary ingredients. (PWT2 also contains a blue coloring additive)

**When to use it:** Water acidifiers approved by the FDA used to keep water systems sanitized with a lower pH. Can also be used as a cleaner and descaler.

**How to Mix:** As a water acidifier mix 1 to 2 packs of PWT or 1 to 2 pounds PWT2 per 4 gal. stock solution once daily. As a cleaner or descaler mix 2 packs of PWT or 2 pounds of PWT2 to 4 gal. water in line for 8-24 hours and flush from systems.

#PWT ..... 16 oz. Pk  
#WLS-PWT2 ..... 40 lb. Pail



### Water treatment and biosecurity

#### SaniDate 5.0®

SaniDate 5.0® is a powerful and effective EPA- registered sanitizer/disinfectant. The highly stabilized 5% peroxyacetic acid (PAA) formulation is composed of organic acids and hydrogen peroxide developed for a wide variety of agricultural applications. It's extensive labeling and versatile composition makes it ideal for many poultry water treatments and biosecurity applications.

#BSS01 ..... 2.5 gal.



## Wormer

### Valbazen

A broad spectrum oral drench effective for controlling tapeworms, stomach worms, intestinal worms, lungworms & mature liver fluke in sheep and cattle.  
Active ingredient: Albendazole

#LW58221 ..... One liter bottle



## Water Supplements

### Dry Cider Vinegar

**Contains:** 208 grams of Grower Select Dry Cider Vinegar is equivalent to the use of 3 gallons vinegar.

**When to use:** Use as drinking water additive when the supplementation of vinegar is indicated.

**How to Mix:** Mix one 208 gram pack per 6 gallons of stock solution. For full strength, mix one 208 packet per 3 gallons stock solution.

#HWEZPO20 ..... Dry Cider Vinegar



### Oregain

**Contains:** Vegetable Fat product, natural flavors, citric acid, and propylene glycol.

**When to use it:** Oregain is a blend of essential oils that provide a flavoring agent to the water to encourage birds to drink and potentially eat more when administered. May help during stressful periods or can be given daily during the course of the flock. It is used most during the first 7 to 10 days after chick placement, during the 3 to 5 days during a feed type change, and the last days when finisher feed is given. One bottle treats between 20 to 40 gallons of stock solution.

**How to Mix:** For Broilers mix 1.18 to 1.69 ounces (35 to 50 ml) of Oregain to 1 gallon of water in stock solution. For Layers mix .84 to 1.69 ounces (25 to 50 ml) of Oregain to 1 gallon of water in stock solution.

#OREGAIN ..... Oregain Liquid Concentrate



### ACTIVO® Liquid

Blend of selected secondary plant compounds and organic acids. Better growth due to synergistic effect on regulating the microflora of the gastrointestinal tract. Recommended for preventive use in poultry during stress periods. Injects using standard medicator ratio of 1:128. Packaged in 1.32 gal. container.

#EW001 ..... ACTIVO® Liquid



### Perform-Max

**Contains:** Acetic Acid, Copper and Zinc Chelate, Lactic, Citric and Tannic Acids.

**When to use it:** Drug and Antibiotic Free programs. Does not require a withdrawal period. Helps clean water lines to improve and maintain water consumption. Shown to help improve feed conservation. Performs best when pulse dosed.

**How to Mix:** Using label directions, Perform-Max will reduce pH to 3.5-2.8 (depending on initial pH of water)

#WY26432 ..... Perform-Max



### Supplement 4

**Contains:** Acetic Acid, Citric Acid, Copper Manganese, Iron, and Potassium.

**When to use it:** Supplement 4 is a nutritional supplement with a wide arrange of beneficial acids and minerals to aid in performance and feed conversion. In addition it serves as a water acidifier, chelating agent, helps keep water lines clean and free flowing, and is also used as an aid to treat mouth lesions from mold and reduce feed passage.

**How to mix:** One quart to two gallons of stock solution. Run for 3 to 5 days continuously and repeat as necessary.

#HW71600 ..... Supplement 4



### Suppa Sol

**Contains:** Copper Sulfate, Manganese Sulfate, Cobalt Sulfate, and Hydrochloric Acid.

**When to use it:** Suppa Sol is a mineral supplement that is believed to aid performance and provide broilers and turkeys with 90% of their daily recommended Copper requirement.

**How to Mix:** Add one quart to two gallons of stock solution. Run for 3 to 5 days continuously and repeat as necessary.

#HW70100 ..... Suppa Sol





## Electrolytes + Vitamin C

**Contains:** Potassium Chloride, Sodium Chloride, Magnesium Chloride, Citric Acid, and Ascorbic Acid (vitamin C) (20,000mg)

**When to use it:** Electrolytes plus Vitamin C is a soluble electrolyte formula that provides high levels of potassium, ascorbic acid (vitamin c), and other essential minerals during extreme temperatures and other periods of stress to help maintain osmotic balance of bodily fluids and prevent dehydration.

**How to Mix:** Mix at 1 pack per 2 gallons of water given continuously for 3 to 5 days. Repeat when necessary

#HW85020 ..... 20 lb. pail, bulk  
#HW85000 ..... 1 lb. pack



## Poultry Pack

**Contains:** Vitamin A, Vitamin B3, Vitamin E, Vitamin B12, Riboflavin, Niacin, d-Calcium Pantothenic Acid, Menadione Sodium Bisulfate, Biotin, Folic Acid, Thiamine Hydrochloride, Pyridoxine Hydrochloride, Ascorbic Acid (Vit C), Potassium, Sodium, and magnesium.

**When to use it:** Poultry Pack is a broad spectrum multi-vitamin, mineral, and electrolyte supplement that is used to help ensure birds are receiving the necessary vitamins, minerals, and electrolytes for good health and performance. It can also be used when birds are under stress to help performance as well.

**How to Mix:** 1 pack per two gallons of water on a regular basis. Run 3 to 5 days continuously and repeat as necessary.

#HW98400 ..... Poultry Pack



## Vitamin D3 & E Concentrate

**Contains:** Vitamin E (80,000 IU/lb), Vitamin D3 (16,000,000 IU/lb), polysorbate 80, potassium sorbate, n-propyl alcohol, propylene glycol, water, and polyethylene glycol monoleate.

**When use it:** Vitamin D3 is an essential Vitamin for the absorption of Calcium which helps prevent numerous bone issues such as rickets. Vitamin E is an essential Vitamin to help support a healthy immune system.

**How to Mix:** Mix 2 ounces of Vitamin D3 & E per gallon of water in stock solution

#HED3 ..... Vitamin D3 & E Concentrate



## Vitamin D3

**Contains:** Vitamin D3 (2,000,000 ICU/fluid ounce)

**When to use it:** Use Vitamin D3 for thin egg shells in breeders, to reduce symptoms from mold and fungi, and to treat stiff, swollen joints, rickets, malformation of bones and soft beaks.

**How to Mix:** 1/2 ounce per gallon of stock solution for regular use and 1 ounce per gallon to treat more serious issues. Run for 5 to 10 days continuously and repeat if necessary.

#HW72700 ..... Vitamin D3



## Liquid Vitamin Starter

**Contains:** Vitamin A (125,000 IU), Vitamin D3 (58,75 IU), Folic Acid (1,725 MCG), Vitamin E (465 IU), Riboflavin (26MG), d-Pantothenic Acid (60MG), MSBC (135 MG), Thiamine (105 MG), Niacin (305 MG), Vitamin B12 (250 MCG), Biotin (1,560 MCG), Pyridoxine (105 MG) per Ounce of product.

**When to use it:** Liquid Starter Vitamin is a good well-rounded multivitamin to help ensure chicks get off to a good start by providing extra vitamins.

**How to Mix:** Mix 6 ounces of Liquid Starter Vitamins per gallon of stock solution. Run daily the first week of your flock.

#HWFP-BL ..... Liquid Vitamin Starter



## Dawelyte®

**When to use it:** Dawelyte® is a balanced electrolyte plus trace elements pack that is especially useful during heat stress or scours in poultry and livestock.

**How to Mix:** Mix 8 oz. with 128 gallons of drinking water and offer for 3 to 5 days.

#DL002 ..... Dawelyte®



## CocciAid®

9.6% oral solution for the treatment of coccidiosis in chickens, laying hens and turkeys. One gallon treats 800 gallons at a 0.012% level.

CocciAid is not an antibiotic and does not require a withdraw time to prevent residue in meat.

#091403 ..... 1 gallon bottle



## Amprol

Amprol is for the treatment of coccidiosis in growing chickens, turkeys and laying hens. Follow the label exactly as instructed for best results.

#10601 ..... Soluble Powder per 10 oz. pack  
#36947 ..... 9.6% Liquid Gallon





## Water Supplements

### Acidified Copper Sulfate

**Contains:** Copper Sulfate 86.5%, Sodium Bicarbonate, & Citric Acid.

**When to use it:** Copper Sulfate can be used as a water acidifier, as an aid to treat mouth lesions and it can also be used to reduce feed passage.

**How to Mix:** Mix 1 pack per two gallons of stock solution.

#HW81600 ..... Acidified Copper Sulfate



### Vin-Sol

**Contains:** Mix of Sodium Acetate & Sodium Diacetate that makes Acetic Acid when mixed with water.

**When to use it:** Varies, but as with any other Acetic Acid product you can use it typically during feed changes and when loose or watery droppings are noticed. It serves as an astringent in tightening the gut and helps decrease the incidence of feed passage and healthier looking droppings. Can also help non Dextrose based vitamins extend their half life in stock solution. Can also be used as a water line cleaner.

**How to Mix:** 1 heaping teaspoon with 1 gallon of water in stock solution run once daily. As a water line cleaner mix 4 scoops per gallon of stock solution and flush after.

#HW81900-12-5 ..... Vin-Sol



### Vinegar (Acetic Acid)

**Contains:** Acetic Acid 8% (#HW72500) and 22% Concentrate (#HW72501 shown)

**When to use it:** Varies, but typically during feed changes and when loose or watery droppings are noticed. Vinegar serves as an astringent in tightening the gut and helps decrease the incidence of feed passage and healthier looking droppings.

**How to Mix:** Varies, and depends on the severity of the issue. It is best to start at a low dosage of around a pint to 4 gallons of water and work up from there, but monitor water consumption and if consumption decreases with an increase in mix concentration back down on mixture.

#HW72501 ..... 22%



### Citric Acid

**Contains:** 100% Citric Acid

**When to use it:** Citric Acid is used to increase solubility in hard water conditions or when needed to help the solubility of some medications. It can also be used as a water acidifier and water line cleaner.

**How to Mix:** When used to improve solubility, mix 1/2 pack to 1 pack per gallon of water in stock solution. When used to clean water lines, mix 3 to 4 packs per gallon of water in stock solution.

#HW83000 ..... Citric Acid



## Line Cleaners

### HydroLine 34

Hydroline 34 is a 34% peroxide-based cleaner ideal for cleaning water lines.

It can reduce and eliminate biofilm and bacteria buildup in your lines which can lead to bird health issues.

#SJC0002 ..... 1 gal jug



### Proxy Clean

**Contains:** Buffered and Stabilized Hydrogen Peroxide 50% plus Silver Complex.

**When to use it:** Proxy Clean removes and prevents heavy soils and biofilms in drinking systems and is non corrosive. It should be left in the drinking system in between flocks for at least 12 hours for best results.

**How to Mix:** When used during flocks mix at no higher than 1.66 oz per gallon of stock solution. When used in between flocks, pump straight out of container directly in system and let sit for a minimum of 12 hours, and flush afterwards until water is flowing clean from flush points.

#37648 ..... Proxy Clean



### CID 2000

**Contains:** Hydrogen Peroxide 20%; Acetic Acid 10%; Peracetic acid 5%

**When to use it:** A waterline cleaner that gives you the power of O2 and acidification combined. The H2O2 removes heavy soils and the peracetic acid removes scale/mineral build-up. It is equipment friendly and contains no heavy metals. Comes in a 2.6 gallon jug. Use as directed.

#CID2000 ..... CID 2000



### Siloxycide

**Contains:** Hydrogen Peroxide 5.00%; Silver 0.01%

**When to use it:** Bactericide and Virucide\* SILOXYCIDE DISINFECTANT is a patented combination of Hydrogen Peroxide plus Silver Nitrate, providing extended peroxide stability, along with previously unmatched efficacy, when compared to products containing only Hydrogen Peroxide

#061009 ..... 2.5 gal jug



### Synergize

**Contains:** Alkyl dimethyl benzyl ammonium chloride 26.0% and Glutaraldehyde 7.0%

**When to use it:** Formulated for industrial use in Animal Producing Facilities as well as the following equipment in these facilities:

Waterers, Feeders, Hauling Equipment, Loading Equipment, Farrowing Barns, Nurseries, Blocks, Creep Areas, and Chutes. Its unique formula penetrates and alters the structure of the cell membrane allowing itself to destroy the microorganism. Best when applied with low pressure sprayers. Contains some detergent additives and acts as a cleaner.

**How to Mix:** 1/2 ounce per gallon of water

#9955 ..... Synergize



### Synergize Cool

**Contains:** Quaternary Ammonium 26.0%; Glutaraldehyde 7.00%

**When to use it:** Low-foaming version of Synergize™ Disinfectant. Recommended for use in cool cell systems, evaporative coolers, and other areas where low-foaming disinfecting and the control of mold, algae, and the spread of aerosol disease is a priority. Use as directed.

#24494 ..... Synergize Cool



### Sani Kleen

**Contains:** Heavy Duty Quaternary Ammonium Chlorides

**When to use it:** Sani Kleen is a heavy-duty disinfectant cleaner. It is useful on numerous gram positive and gram negative bacteria. It can also be used as a sanitizer and in shoe baths if cleaned daily.

**How to Mix:** 2 to 3 ounces per gallon of water for all general applications. Allow at least a 10-minute contact time before residue is removed.

#24792 ..... Sani Kleen



### BioCres™

**Contains:** Sodium hydroxide and Cresylic acid. Use the same When to use it as the Kleen Cres

**How to Mix:** Mix at 0.5% solution (1 gallon in 200 gallons of water) (2 ounces per 3 gallons of water) (5 mL/L).

#BIOCRES ..... Cresylic cleaner



### Virkon® S

**Contains:** A balanced, stabilized blend of peroxygen compounds, surfactant, organic acids and an inorganic buffer system.

**When to use it:** Broad spectrum virucidal disinfectant for livestock disease prevention and control. Proven highly effective against 65 strains of virus in over 19 viral families, 400 strains of bacteria and over 100 strains of fungi including Avian Influenza (HSN1), Newcastle Disease, Classical Swine Fever (Hog Cholera) and Foot and Mouth Disease.

**How to Mix:** 1% is recommended for Poultry applications: 1.3 ounces of Virkon® S per gallon of water. If solution contacts metal surfaces or equipment, wash off residue with water after 10 minutes.

#361221 ..... Virkon® S

### Virocid Disinfectant

**Contains:** Alkyl dimethyl benzyl ammonium chloride 17.7%, didecyl dimethyl ammonium chloride 8.1%, glutaraldehyde 11.2%.

**When to use it:** A highly-concentrated and broad spectrum disinfectant effective against Viruses, Bacteria & Fungi.

**How to Mix:** To disinfect hard non-porous surfaces (livestock equipment, floors, walls, table tops, counter tops), apply a 0.25% (1:400 parts) solution to thoroughly wet surface. Spray the surface and let stand for 10 minutes. VIROCID is a concentrate that can be used with a mop, sprayers, sponge, or by soaking. Heavily soiled surfaces should be pre-cleaned prior to disinfection. All food contact surfaces must be thoroughly rinsed with potable water after disinfection.

#BV061 ..... Virocid Disinfectant



### Quad-A-Mone

**Contains:** Dimethyl benzyl ammonium chloride 10% and Dimethyl ethylbenzyl ammonium chloride 10%

**Usage:** A 20% quad with a powerful germicide action for use in poultry, and for general farm use. Fast acting. Effective in hard water.

#CVE51 ..... 1 Gal

### Dyne O Might

**Contains:** Propionic Acid 25 - 50%; Polyoxyethylene-Polyoxypropylene Iodine Complex 0.42%; Phosphoric Acid 5 - 20%

**Why use it:** Provides disinfection in the presence of high organic matter, Litter pH adjustment, can inhibit dust and help control ammonia. Also proven efficacy against vegetative clostridium perfringens known to cause Gangrenous dermatitis.

#36730 ..... 5 Gal

#39832 ..... 1 Gal



### Universal Barn Cleaner

**Contains:** Foam Boosters and Chelating Agents

**When to use it:** A general purpose cleaner and deodorizer.

**How to use it:** poultry, swine, farm animal housing mix at a rate of 1 part to 250 - 500 parts of water.

#D12568757 ..... Universal Barn Cleaner



## General Disinfectants



### 1.75% Iodine

Use for sanitation of drinking water and general disinfection.

#SJC0001 ..... 1-gallon container

### Kenosan™

- Unique formula based on new technologies
- Sticky and long-lasting foam
- Extreme dirt penetrating capacity and excellent at breaking down Biofilms.
- Very economical use at 1% concentration.
- Non corrosive
- Contains Sodium Hydroxide and Ethanol
- With Kenosan as part of your disinfection program your disinfectants used like Virocid will be more effective and able to penetrate the pathogens for eradication.



#BV119 ..... 5.3 gal

### Barnstorm

**Contains:** Phosphoric Acid 10-35%; Dodecylbenzene Sulfonic Acid 5-35%  
**When to use it:** Heavy-duty, concentrated cleaner and descaler. It has a unique blend of specially formulated acids and a high-foaming detergent designed to remove both organic and inorganic soils from surfaces prior to disinfection. The mixture penetrates through the "biofilm" left behind on walls, floors and crates.



#MS3595 ..... Barnstorm

### Tek-Trol II

Tek-Trol II Disinfectant is a synthetic detergent concentrate combined with high-powered 20.6% multiple chlorphenolic disinfectants. Dilution rate of 1 oz per gal of water.



#TEK-003-2 ..... Gallon liquid

## Odor Control

### Odor Pro

Odor Eliminator is designed to remove odors from kennels, offices, vehicles and even clothing. Spray into the air or use as a rinse additive in the washing machine. Anti-Bacterial Deodorizing Body Wash 1 Gallon. Designed to neutralize offensive odors. Simply use as normal hand soap or shampoo. Leave on hair and body for approx. 2 minutes for best effectiveness.



#109071A ..... 1/2 gal. Bottles

#109074 ..... Body Wash 1 gal



### Tek-Trol Aerosol

A spot disinfectant for use on boots, clothing, vehicles and hand tools. Non-staining, quick drying and ideally suited for service personnel moving from location to location.



#TEK-001 ..... 17 oz. aerosol spray can

## Cool Cell Treatments



### Triple-C by Proxy Clean Cool Cell Descaler

Triple-C® is a proprietary blend of acids and surfactants designed to clean and remove scale and mineral buildup from cool cell pads. Why use it: Triple-C® provides a unique scrubbing action that effectively loosens and removes scale, mineral and heavy metal deposits from cool cell pads. How to Mix: Add 1 Qt to recirculation tank.



#PCP05 ..... 1 quart

### Cool-N-Klean Descaler

**Contains:** Surfactants and organic acids.  
**When to use it:** Cool-N-Klean is a replacement for Aqua Max. It is a cleaner and descaler for water lines and cool cell pad systems.



**How to Mix:** Apply Cool-N-Klean per manufacturer's recommendations which are listed on the product jug depending on the type of application.

#IS2996 ..... 1 gallon



### DeVere Powder Descaler

**Contains:** Citric acid, a buffer and quaternary ammonium chloride  
**Why use it:** When used according to directions, this product will remove all types of mineral scale without harming evaporative cooling pads. This product also decreases the need to clean headers and nozzles that can become plugged with minerals.  
**How to mix:** Add product to reservoir tank to make 0.5% (by weight) solution (4 lbs. per 100 gals of water).



#MPD8 ..... 8 lb

#MPD100 ..... 100 lb

### FASTKLEEN

**Use:** To remove calcium or mineral deposits on cool cell pads.

**How to Use:** How to use: Dilute 1/2 oz with one gallon of water. Circulate through system for one hour. Flush with fresh water. For startup, shut pump off. Saturate pads with one gallon of Fast Kleen mixed with 25 gallons of water. Rinse pads with water.



#FASTKLEEN ..... 1 gallon



### SCI-62 Algaecide

**Contains:** Copper Sulfate/ Sulfuric Acid mix  
**How to use:** To control the growth of algae, add 1 to 2 ounces of SCI-62® to the storage tank at the start of the season and 1 to 2 ounces once per week during periods of use and after flushing the sump

#59129 ..... 1 gallon





# Southland Organics strengthens natural defenses to grow resilient birds and businesses.

## Mother Load

Mother Load is raw, unfiltered liquid apple cider vinegar infused with garlic. It is designed to boost your birds' overall health, aid in digestion, keep the GI tract healthy, tighten gut and provide bacteria that support poultry development. Apply 1/2 gallon per 5 gallon of water in medicator bucket set at 1:128.



#ACV60 ..... 2.5 gal. container

## Big ole Bird

Big ole Bird is a powerhouse of probiotics, organic acids and biologically active carbon to strengthen your birds' natural defense system from within. BoB decreases mortality, improves weight gain, feed conversion, gut health and resistance to pathogens and disease. Apply 4 oz. liquid per 1 gallon of stock solution for a medicator pump set at 1:128.



#BOBOP2-5 ..... 2.5 gal. container

## Catalyst

Catalyst Poultry Vitamin is a highly absorbable powder packed with specially formulated, poultry-specific vitamins and minerals that maximize performance when used with Big ole Bird. It helps promote leg and bone development, heart, skin and blood health. Apply 100 CC (two scoops) to 5 gallons of stock solution for a medicator pump at set 1:128.



#CATALYSTPAIL ..... 32 oz. pail

## Desecticide

Desecticide uses breakthrough technology to kill resistant darkling beetles, lesser mealworms, bed bugs, mites, fleas and ticks on poultry without the use of toxic chemicals. It is proven effective and safe to use, even when birds are present. Bugs do not build resistance, and it can be used at any point during grow out. No applicator license needed, so spray it yourself and save time. Apply 1 gallon with 10 gallons of water per 5,000 square feet.



#DESECT ..... 1 gal. container

## Hen Helper

Hen Helper improves overall health, fertility and nutrition in layer hens. According to studies, probiotics and organic acids work together to increase egg production, egg weight and quality in laying hens. Hen Helper also tightens the gut, which produces cleaner eggs, less feed passage and firmer shells through improved calcium and vitamin absorption. Apply 4 oz. liquid per 1 gallon of stock solution for a medicator pump set at 1:128.



#HH-2-5 ..... 2.5 gal. container

## Litter Life

Litter Life is designed to improve litter quality and strengthen poultry health. A mixture of biologically active carbon, organic acids and beneficial microbes helps dry and condition litter, defend against harmful bacteria and control ammonia. Birds grow in a healthier environment with less threat of disease, lower mortality and better performance. Apply one gallon of Litter Life with nine gallons of water per 2,000 square feet.



#LL2-5 ..... 2.5 gal. container

## Cool Cell Treatments

**FortiCool A UR | FortiCool D**

PREVENTION IS PROTECTION

### Choose Forticool Products

- Continuous 24/7 protection
- Improve cooling efficiency and pad life
- Simple application
- Will not damage cell pads
- For optimal performance, replace every 30 days



### FortiCool A

Time released water treatment for evaporative cooling pads to prevent buildup of algae and fungi. Replace every 30 days.

#21132291 ..... FortiCool A



### FortiCool D-scaler

Time released water treatment for evaporative cooling pads to prevent buildup of scale and mineral deposits. Replace every 30 days.

#21132292 ..... FortiCool D-scaler



## A MORE EFFECTIVE WAY TO CLEAN AND PROTECT SURFACES.

SWASH™ is a carefully formulated liquid that boosts sanitation levels in poultry and swine houses. SWASH™ alters dust, soil and waste's ability to build up on surfaces, while inhibiting the formation of organic films. The product increases sanitation levels and cuts required cleaning time by up to 50 percent, leaving you with more time for other aspects of animal care.

\* Swash products are not disinfectants nor are they being marketed as disinfectants

### SWASHDUST-REPEL™

SWASHDUST-REPEL™ is soil releasing, non-acidic, and non-corrosive product that is applied to plastic, fiberglass, or galvanized steel fans, cowlings, shutters, louvers, and light traps to reduce the buildup of dust and organic matter. Treating with Swash reduces wash time and improves cleaning and disinfectant effectiveness.

#SWASH ..... 3.5 gal.

### SWASHHOUSE™

SWASHHOUSE™ can also serve as a sanitation tool for swine facilities. Fecal matter leftover after the cleaning process poses a serious health risk to piglets. Applying SWASH for Swine™ between groups ensures a cleaner, safer environment for pigs.

#SWASHH5 ..... 5 gal.

### SWASHCOOL-CELL™

SWASHCOOL-CELL™ balances the systems pH level, keeps minerals soluble, and disperses dirt and dust so as to not stick on the pads. It treats algae, mineral buildup, scaling and iron.

#SWASHCOOLCELL5 ..... 5 gal.

### SWASHEQUIPMENT™

For use on tractors, trucks, cars, mowers, combines and more. SWASHEQUIPMENT™ can be applied to all surfaces after cleaning your vehicles or equipment and is safe to apply on all painted surfaces and glass. No drying or rinsing required

#SWASHEQ5 ..... 5 gal.



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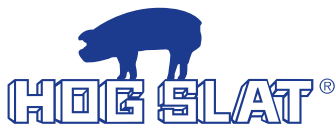
# Equipment Service Department

Hog Slat staffs skilled service technicians at certain store locations throughout the United States. Covering the regions around their assigned stores, Hog Slat service techs are available to repair or replace damaged equipment in your hog and poultry barns. Our service techs have years of experience servicing and maintaining all types and brands of production swine and poultry equipment. Request a service call or schedule a maintenance visit to your farm using the guide below.

**Contact your local store or technician for the service rates in their area.**



Service Area	Store Location	Service Tech	Contact Phone Number
Alabama	Holly Pond	Justin McComb	(256) 796-6507
Alabama	Spruce Pine	Greg Lee	(256) 331-2817
Arkansas/E. Oklahoma	Spiro, OK	Lao Xiong	(479) 561-2930
Arkansas	Clarksville	James Prosser	(470) 238-2590
Arkansas/Missouri	Hindsville, AR	Keith Obenshain	(479) 789-4001
Arkansas/Missouri	Wheaton, MO	Bryan McCool	(417) 389-6373
Arkansas/Missouri	Berryville, AR	Mike Youngblood	(870) 350-6318
Arkansas/Missouri	<b>After Hours &amp; Weekend Service</b>		<b>(479) 789-4001</b>
Delaware	Laurel	Eugene Hudson	(302) 875-0886
Delaware	Laurel	Jim Briddes	(302) 875-0886
Delaware	Laurel	Robert Short	(302) 875-0886
Delaware	Laurel	Harold Smith	(302) 875-0886
Delaware	Laurel	Lewis Hawley	(302) 875-0886
Georgia - North	Royston		(706) 245-6486
Tennessee - South	Calhoun, GA	Zach Stafford	(706) 624-4244
Georgia - Northeast	Royston	Cody Legg	(919) 581-7077
Georgia (Central)	Roberta	Michael Clay	(800) 856-6106
Tennessee and NW Georgia	Calhoun, GA	Bart Crawford	(706) 624-4244
Indiana	Flora	Rod Moudy	(574) 835-7019
Indiana	Flora	Cory Chilcutt	(765) 505-0419
Indiana	Flora	David Jeffery	(910) 379-6193
Iowa	Algona	Chris Richardson	(515) 341-3180
Iowa	Algona	Dave Samp	(515) 570-9895
Iowa	Algona	Jeff Spencer	(515) 571-8833
Iowa	Bloomfield	Derek Crow	(641) 799-0411
Iowa	Hartley	Chad LeClair	(712) 344-0525
Iowa	Iowa Falls	Clay Hoversten	(515) 368-3359
Iowa	Iowa Falls	Justin Jaenke	(515) 368-3359
Iowa	Iowa Falls	Mark Hargrave	(515) 368-3359
Iowa	Sioux Center	Dave VanDonkelaar	(712) 737-7081
Iowa	Storm Lake	Dennis Trammell	(712) 449-5521
Iowa - Southeast	<b>After Hours &amp; Weekend Service</b>		<b>(641) 208-7028</b>
Kentucky	Mayfield	Jamie McKinney	(270) 804-7375
Louisiana	Dubach	Jeremy Lay	(318) 478-0281
Maryland	Pocomoke	Chad Grizzle	(410) 957-6800
Minnesota	Pipestone/ Redwood Falls	Todd Henrich	(507) 438-5989
Minnesota	Sauk Centre	Todd Stordahl	(320) 777-9477
Mississippi	Forest	Jowl Gonzales	(601) 469-4165
Mississippi	Forest	Jason Bagley	(601) 469-4165
Mississippi	Philadelphia	Trace Thrash	(601) 504-4719
North Carolina	Beulaville	Wayne Knowles	(910) 594-0413
North Carolina	Bethel/Goldsboro	Bill Effler	(910) 594-0413
North Carolina	Biscoe/Siler City	Tim Sheffield	(910) 594-0413
North Carolina	Clinton	Matt Phillips	(910) 594-0413
North Carolina	Clinton	Brian Hargrove	(910) 594-0413
North Carolina	Elizabethtown	Nathan Hester	(910) 594-0413
North Carolina	Goldsboro	Jeremy Lancaster	(910) 594-0413
North Carolina	Newton Grove	Mark Rose	(910) 594-0413
North Carolina	Newton Grove	William Bryan	(910) 594-0413
North Carolina	Rose Hill	Gregory Knowles	(910) 594-0413
North Carolina	Taylorsville/Yadkinville	Richard Deal	(910) 594-0413
North Carolina	<b>After Hours &amp; Weekend Service</b>		<b>(910) 509-2229</b>
South Carolina	Hartsville	Nathan Hester	(910) 594-0413
Tennessee - Central	Shelbyville	Marvin Betts	(931) 703-2038
Texas	Marquez	Jeremy Hart	(903) 512-1341
Virginia	Bridgewater	Brent Foster	(540) 879-9901
Virginia	Bridgewater	Cory Guyer	(540) 879-9901
Virginia	Bridgewater	Tracy Horn	(540) 879-9901
Virginia	Harrisonburg	Chad Custer	(540) 879-9901
Virginia	Harrisonburg	Andrew Huffman	(540) 879-9901
West Virginia	Moorefield	David Naylor	(304)-538-2346



## Sales Contacts for New Construction and Remodeling

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### MIDWEST SWINE

#### Iowa - Wisconsin

Chad Grouwinkel.....	Midwest Sales Manager.....	515-368-2730
Steve Poland.....	Carroll, IA.....	712-830-0322
Matt Rohrig.....	Orient, IA.....	641-344-8869
John Boleyn.....	Humboldt, IA.....	515-368-0636
Brian Long.....	Algona, IA.....	515-320-3880
Jason Billings.....	Lancaster, WI.....	515-368-0413

#### Minnesota

Mark Perkins.....	Cleveland, MN.....	507-381-8644
Mike Thode.....	Pipestone, MN.....	507-820-2552

#### Kansas - Nebraska - South Dakota

Andy Borer.....	Columbus, NE.....	402-741-2184
Mark Stender.....	Elk Point, SD.....	712-221-7661
Gary McDuffee.....	Columbus, NE.....	402-270-3279

#### Missouri - Arkansas

Terry Fox.....	Decatur, IA.....	641-344-9898
Steve Salsman.....	Wentworth, MO.....	417-737-2093

#### Illinois - Indiana - Michigan - Kentucky - Ohio

Ross Thompson.....	Normal, IL.....	309-831-6881
Jake Erickson.....	Indianapolis, IN.....	260-224-4051
Eric Reed.....	Three Rivers, MI.....	269-587-0420
Pat Williams.....	Ohio.....	937-423-1159

#### West/Southwest

Kevin Braden.....	General Manager Guymon, OK.....	620-202-2882
Kevin Dickerson.....	Guymon, OK.....	580-338-5003

### MIDWEST POULTRY

#### Arkansas - Missouri - Iowa - Minnesota - Nebraska - Oklahoma - Wisconsin

Matt Holdeman.....	Midwest Sales Manager.....	515-890-4028
Colby Elliott.....	IA, MN & WI.....	641-220-1220
Dean Sowers.....	Sauk Center, MN.....	320-527-3298
Chad Buhl.....	Nebraska.....	402-276-6453
Bobby Cox.....	Spiro, OK.....	479-629-6983
Mike Sears.....	AR/MO Regional Manager.....	479-435-4255
Matt Goforth.....	Siloam Springs, AR.....	417-238-2229
Monte Rhodes.....	MO, Cage-Free Layer Equipment.....	660-620-0541

### EGG LAYER

Dane Schipper.....	Midwest Sales Manager.....	641-426-6849
Dave Nicks.....	Midwest US.....	712-540-9327
Aaron Moystner.....	OH, MI & IN.....	260-251-2390

### EASTERN SHORE POULTRY

Jim Karsnitz.....	Regional Sales Manager.....	410-251-1687
Spencer Hill.....	Delaware/Maryland.....	302-258-8457
Adam Mariner.....	Maryland/Virginia.....	302-604-2050

### SHENANDOAH AG SUPPLY

Sebastian Fannan.....	VA.....	601-265-8209
Andrew Robyak.....	WV/VA.....	717-756-2730

### NORTH CAROLINA SWINE

Fritz Richards.....	National Sales Manager.....	910-590-6366
Kenny Bass.....	North Carolina.....	910-590-9523
Michael Thornton.....	North Carolina.....	910-596-1212
Shelton Johnson.....	North Carolina.....	910-590-9025
Pat Usher.....	North Carolina.....	910-990-1413
Frankie Warren.....	North Carolina.....	919-738-0124

### NORTH CAROLINA POULTRY

Vann Pierce.....	Regional Sales Manager.....	252-287-5002
Nick Best.....	Goldsboro, NC.....	910-750-6865
Chancey Walker.....	Beulaville, NC.....	910-590-6411
Robert Herman.....	Taylorsville, NC.....	828-302-5950
Jacob Caviness.....	Siler City, NC.....	910-571-9435
Chuck Sutton.....	NC/SC/DE/MD/VA Sales Manager.....	252-370-0807
Bryan Price.....	NC/SC.....	843-253-6146

### SOUTHEAST POULTRY

#### Georgia - Tennessee - Alabama - Arkansas

Doug Scroggs.....	Sales Manager.....	706-244 5428
Jacob Williams.....	Calhoun, GA.....	706-988-4416
Madison Williams.....	Roberta, GA.....	919-920-7084
Timmy Gee.....	Royston, GA.....	706-498-0950
Paul Butcher.....	Shelbyville, TN.....	931-993-2305
Daniel Welborn.....	Holly Pond, AL.....	256-460-9504
Ricky Bryan.....	Ft. Smith, AR.....	479-222-4662
Matt Goforth.....	Siloam Springs, AR.....	417-238-2229

#### Mississippi - Louisiana - Texas

Patrick Harrison.....	Sales Manager.....	601-443-1688
Ricky Holmes.....	Forest, MS.....	601-507-0759
Derin Bonner.....	Summit, MS.....	601-248-0200
Wayne Jones.....	Texas.....	903-717-4642

#### Western Kentucky - Tennessee

Tyson Nightingale.....	Mayfield, KY.....	270-970-9835
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### INTERNATIONAL SALES

Jeff Smith.....	International Swine, <i>Se Habla Español</i> .....	910-214-9569
Eric Soza.....	International Swine, <i>Se Habla Español</i> .....	910-305-3386
Gregg Jackson.....	International Poultry.....	336-406-2348

### CANADA - MITCHELL, ONTARIO

Jeff Earl.....	Inside Sales.....	519-348-9483
Steve Poppe.....	Swine.....	519-301-7308

## ORDERING INFORMATION

Monday-Friday 8:00am to 5:00pm C.S.T. • Fax your order 24 hours a day, 7 days a week.

Hog Slat Midwest FAX @ 515-332-3126 • Hog Slat S. E. • FAX @ 910-594-0010 • Georgia Poultry FAX @ 706-245-0496.

Orders placed before 1:00pm will be shipped the same day. Please have item number ready when ordering. Shipping charges will be calculated based on the weight of your order and the distance it must travel.

#### METHODS OF PAYMENT

- Visa, MasterCard, Discover/Novus and John Deere Financial
- C.O.D.'s are available by UPS with an additional charge of \$10.00 per package
- Pre-Payment - Please call for freight cost
- Items too large for UPS will be shipped by motor freight
- Next-day and second-day air deliveries available at an additional charge
- Freight charges are the customer's responsibility
- Report any damaged merchandise to UPS upon delivery

These items were selected in advance based on warehouse availability. In the event we are out of any particular item, every item can be ordered for you at the advertised price unless specifically noted otherwise. **RETURN POLICY:** Please call for authorization to return merchandise. All items must be returned within 30 days from the date of purchase. Items must be returned in clean and saleable condition. Special order items are not returnable. All returns are subject to a restocking fee.



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- Due to manufacturer's updating prices, products and specifications, prices are subject to change without notice
- Some items in this circular may require some assembly or installation, which is available at an additional cost at your nearest Hog Slat parts and service department.
- Items are subject to availability
- We reserve the right to limit quantities and correct printing errors.





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Holly Pond, AL ..... 855-675-0505  
Ider, AL ..... 888-394-7458  
Ozark, AL ..... 334-443-0240  
Petrey, AL ..... 334-335-2294  
Spruce Pine, AL ..... 256-331-2817

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Hindsville, AR ..... 877-717-2031  
Mansfield, AR ..... 479-269-2047  
Siloam Springs, AR .....877-373-6655

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Lexington, GA ..... 866-417-1377  
Lula, GA ..... 770-869-1113  
Moultrie, GA ..... 866-697-4614  
Roberta, GA ..... 800-856-6106  
Royston, GA ..... 866-850-4446

**ILLINOIS**

Newton, IL ..... 618-783-2200  
Pittsfield, IL ..... 877-385-4144  
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Humboldt, IA .....800-294-4014  
Independence, IA ..... 319-332-1400  
Iowa Falls, IA .....877-648-3560  
Le Mars, IA ..... 855-573-9366  
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Monticello, IA ..... 866-465-9100  
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Washington, IA ..... 866-368-7124

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**KENTUCKY**

Mayfield, KY ..... 833-228-0438

**LOUISIANA**

Dubach, LA ..... 318-777-1212

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Pipestone, MN .....877-562-4203  
Redwood Falls, MN ..... 866-929-1350  
Sauk Centre, MN ..... 844-388-7620  
Waseca, MN ..... 507-835-8015  
Worthington, MN .....507-376-2200

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Laurinburg, NC .....910-405-7515  
Newton Grove, NC ..... 800-949-4647  
Rose Hill, NC .....800-779-4657  
Siler City, NC ..... 800-854-3425  
Taylorsville, NC ..... 844-594-7241  
Yadkinville, NC ..... 844-528-3518

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Spiro, OK .....918-962-8036

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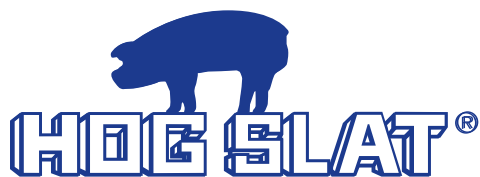
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